

00/00/1976, V0019, N0009, PP 0042-0045  
CONTROLLING THE THERMAL CONDITIONS DURING THE  
MELTING OF STEEL IN CONVERTERS  
BISI 15080

000000236138

YATSENKO, A. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0042-0045  
CONTROLLING THE THERMAL CONDITIONS DURING THE  
MELTING OF STEEL IN CONVERTERS  
BISI 15080

000000236138

KOMINOV, S. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0046-0050  
EFFECTIVENESS OF INCREASING THE BLOWING RATE IN  
THE OXYGEN CONVERTER PROCESS  
BISI 15081

000000236139

RYZHIKOV, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0057-0060  
REDISTRIBUTION OF SEGATING IMPURITIES IN THE  
SOLIDIFICATION OF SUSPENDED METAL  
BISI 15083

000000236140

BLINOV, V. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0070-0071  
SOLUBILITY OF NITROGEN AND NITRIDE FORMATION  
IN A 00ON18K9M5T STEEL MELT 6 PP  
BLID 5828.4F (25511)

000000248831

VORONTSOV, V. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0077-0080  
SOLUTION OF THE THREE DIMENSIONAL PROBLEM OF THE  
STEADY STATE PLASTIC FLOW OF METAL BY THE  
COORDINATE GRID METHOD  
BISI L.STG 15083

000000217048

VORONTSOV, V. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0077-0080  
SOLUTION OF THE THREE DIMENSIONAL PROBLEM OF  
THE STEADY STATE PLASTIC FLOW OF METAL BY THE  
COORDINATE GRID METHOD  
BISI 15083

000000236141

PRUKOVSKIY, B. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0081-0085  
MODELLING THE PROCESS OF EXTRUDING SOLID  
SECTION IN ENTRY CONE DIES  
BISI 15084

000000282840

VYDRON, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0085-0088  
FORWARD FLOW WHEN ROLLING IN MULTIPLE ROLL PASSES  
BISI 15085

000000249082

VYDRIN, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//

000000311046

00/00/1976, V0019, N0009, PP 0085-0088 FORWARD FLOW WHEN ROLLING IN MULTIPLE ROLL PASSES BISI 15085	#	
ALESHCHENKO, G. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0089-0091 ASSESSMENT OF CONTROL ALGORITHMS FOR THE SECTION STEEL-ROLLED PRODUCTS WITH THE USE OF A SIMULATING MODEL BISI 15086	#	000000249081
ALESHCHENKO, G. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0089-0091 ASSESSMENT OF CONTROL ALGORITHMS FOR THE SECTION STEEL-ROLLED PRODUCTS WITH THE USE OF A SIMULATING MODEL BISI 15086	#	000000252420
KRUPIN, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0095-0098 KINETIC MODEL OF ADHESION FRICTION 11 PP BLID 5828.4F (25512)	#	000000248833
ZAVERYUKHA, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0099-0101 EFFECT OF ROLL WEAR ON THE ANNUAL PRODUCTIVITY OF A SHEET MILL BISI 15087	#	000000249080
ZAVERYUKHA, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0099-0101 EFFECT OF ROLL WEAR ON THE ANNUAL PRODUCTIVITY OF A SHEET MILL BISI 15087	#	000000311045
MKHOLYAN, L. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0105-0109 INVESTIGATION OF THE SHEARING OF THE DEFECTIVE LAYER FROM HOLLOW BILLETS FOR THE PRODUCTION OF LARGE DIAMETER TUBES BISI 15088	#	000000249079
MKHOLYAN, L. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0105-0109 INVESTIGATION OF THE SHEARING OF THE DEFECTIVE LAYER FROM HOLLOW BILLETS FOR THE PRODUCTION OF LARGE DIAMETER TUBES BISI 15088	#	000000282914
AKULICH, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0110-0112 OPTIMIZATION OF THE TECHNOLOGICAL PROCESS OF ROLLING VARIOUS SIZE SECTIONS 6 PP BLID 5828.4F (25513)	#	000000248781
GEMSKAYA, KH. V.		000000252417

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0117-0120  
OPTIMIZATION OF THE OPERATION OF  
REVERSING ROUGHING MILLS  
BISI 15089 #

GEMSKAYA, KH. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0117-0120  
OPTIMIZATION OF THE OPERATION OF  
REVERSING ROUGHING MILLS  
BISI 15089 #

TATARNIKOV, V. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0121-0124  
RELATIONSHIP BETWEEN THE FORCES ON THE SIDE  
STOPS OF CIRCULAR SAWS AND THE SAW PARAMETERS  
AND THE CUTTING CONDITIONS  
BISI 15090 #

TATARNIKOV, V. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0121-0124  
RELATIONSHIP BETWEEN THE FORCES ON THE SLIDE  
STOP OF CIRCULAR SAWS AND THE SAW PARAMETERS  
AND THE CUTTING CONDITION  
BISI 15090 #

FILIPPPOV, YE. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0125-0131  
REASON FOR DEVELOPMENT OF THE FACE CENTERED CUBIC  
BODY CENTRED CUBIC LATTICES PHASE TRANSFORMATION  
BISI 15091 #

NECHAYEV, YU. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0132-0137  
STUDY OF CHARACTERISTICS OF VACANCIES IN AN ALLOY  
OF AL+1.5 AT PERCENTAGE CU  
BISI 15092 #

UNKNOWN  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0138-0140  
STUDY OF THE DIFFUSION OF IMPURITY ATOMS ALONG  
TYPE (3) INCLINATION BOUNDARIES IN BICRYSTALS  
WITH A DENSITY PACKED LATTICE 9 PP  
BLID 5828.4F (25514) #

TATARCHEKHO, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0141-0145  
CAPILLARY SHAPING DURING SOLIDIFICATION OUT OF  
MOLTEN METAL  
BISI 15093 #

BALAN, L. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1976, V0019, N0009, PP 0152-0156  
SPECIAL FEATURES OF THE PHASE COMPOSITION OF  
YTTRIUM ANTIMONY CAST IRON  
BISI 15094 #

KOVALOV, G. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0157-0160 INVESTIGATION OF THE HYDRODYNAMICS DURING THE FLOW OF VARIOUS CROSS SECTION AXIALLY SYMMETRIC JETS ON TO AN OBSTACLE BISI 15095 #	000000236079
KOVALOV, G. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0157-0160 INVESTIGATION OF THE HYDRODYNAMICS DURING THE FLOW OF VARIOUS CROSS-SECTION AXIALLY SYMMETRIC JETS ON TO AN OBSTACLE BISI 15095 #	000000282835
BEZRODNYI, M. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0161-0165 RESEARCH INTO THE HEAT TRANSFER CRISIS IN CLOSED CIRCUIT TWO PHASE THERMOSIPHONS BISI 15096 #	000000236080
BEZRODNYI, M. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0161-0165 RESEARCH INTO THE HEAT TRANSFER CRISIS IN CLOSED CIRCUIT TWO-PHASE THERMOSIPHONS BISI 15096 #	000000311086
SLAVIN, S. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0166-0169 TRAVEL OF A PLANE INTERRUPTED JET BISI 15097 #	000000282834
YUZOV, O. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0181-0186 COMPARISON OF THE EFFECTIVENESS OF DIFFERENT SOLUTIONS FOR THE RECONSTRUCTION OF OPEN HEARTH MELTING SHOPS BISI L-STG 15098 #	000000223017
YUZOV, O. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0009, PP 0181-0186 COMPARISON OF THE EFFECTIVENESS OF DIFFERENT SOLUTIONS FOR THE RECONSTRUCTION OF OPEN HEAT BISI 15098 #	000000236146
SHAKIN, YE. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0015-0019 THERMODYNAMIC PROPERTIES OF SOLID SOLUTIONS OF CHROMIUM MONOXIDE IN WUSTITE BISI 15270 #	000000250207
POSTOLNIK, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0020-0024 APPROXIMATE CALCULATION OF TEMPERATURE FIELDS IN THE SOLIDIFIED LAYER OF A CASTING BISI 15271 #	000000250206

GOLDSHTEIN, N. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0029-0032 METALLIZATION OF VARIOUS IRON-ORE MATERIALS IN A SHAFT FURNACE BISI 15272	#	000000250210
POKHVISNEV, A. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0041-0045 AERODYNAMICS OF SINTERING IRON ORE-MIXES UNDER PRESSURE. COMMUNICATION 2. BISI 15273	#	000000251472
KREMYANSKIYI, D. Y. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0060-0063 RESEARCH INTO THE LOSSES OF HEAT FROM A 250 T OXYGEN BLOWN CONVERTER BISI 15275	#	000000251473
ZYKOV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0078-0081 INTERRELATIONSHIP OF THE DRAWING PARAMETERS FOR RECTANGULAR STOCK BISI 15278	#	000000248743
SHILOV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0092-0095 INVESTIGATION OF THE ROLL BITES CONDITIONS AND STRIP STABILITY DURING ROLLING IN SIMPLE SHAPE PASSES REPORT 2. BISI 15281	#	000000248735
CHISTYAKOV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0010, PP 0141-0144 CALCULATING THE WIDTH OF THE FLOW ZONE IN THE CASTING OF LARGE THIN WALLED COMPONENTS BISI 15289	#	000000248741
KULTYGINA, L. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0005-0009 NITROGEN ALLOYING AND DENITRATION OF A COMPLEX COMPOSITION METAL BATH BISI 15404	#	000000240292
VARENKOV, A. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0010-0014 INVESTIGATION OF THE EFFECT OF GASEOUS MEDIA ON CARBON GRAPHITE FIBRES AT HIGH TEMPERATURES BISI 15405	#	000000240212
MERKER, E. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0031-0035 AN INVESTIGATION OF THE PROCESSES OF HEATING AND HEATING UP AND CARBON ELIMINATION IN THE OPEN HEARTH FURNACE BISI 15408	#	000000240293

DYLYUK, A. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0070-0075 OPTIMIZATION OF REDUCTION SCHEDULES ON SLAB MILLS BISI 15412	#	000000240213
BEZRODYNL, M. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0011, PP 0174-0177 EFFECTS OF THE ANGLE OF INCLINATION OF AN ENCLOSED TWO PHASE THERMOSPHON MAXIMUM HEAT TRANSMITTING POWER BISI 15425	#	000000240289
KISELEV, S. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0019, N0012, PP 0133-0137 EVALUATION OF THE INFORMATION PROVIDED BY CONTROLLED SIGNALS IN OPERATING CONTROL SYSTEMS BISI: 15601	#	000000275048
MYSIK, A. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1976, V0062, N0014, PP 0125-0129 CALCULATION OF THE HEATING OF COKE, PIG IRON AND SLAG IN THE LOWER PART OF THE BLAST FURNACE BISI-15600	#	000000082969
POTAPKIN, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0082-0085 GRAPHICAL DETERMINATION OF STRESSES IN DEFORMATION ZONE DURING ROLLING BISI 15673	#	000000088987
NAZYUTA, L. YU. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N----, PP 0058-0061 THE PART PLAYED BY METAL SHOT IN THE OXIDATION OF MANGANESE DURING A BLOW IN BASIC OXYGEN FURNACES BISI 16138	#	000000105359
EVTUSHENKO, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N----, PP 0135-0138 METHOD FOR THE SCANNING IDENTIFICATION OF INDUSTRIAL OBJECTIVES *BISI 16063	#	000000101803
DERKACHEV, D. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N----, PP 0169-0171 EVALUATION OF THE STATE OF A BASIC OXYGEN FURNACE HEAT ON THE BASIS OF ADAPTIVE ALGORITHMS. BISI 16787	#	000000146572
YAKOVLEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0005-0008 MASS TRANSFER OF THE OXYGEN IN MELTS DURING THE INTERACTION OF A GAS JET AND THE BATH	#	000000077553

*BISI 15666	#	
YAKOVLEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0005-0008 MASS TRANSFER OF THE OXYGEN IN MELTS DURING THE INTERACTION OF A GAS JET AND THE BATH BISI 15666	#	000000131449
MIKHAYLOV, G. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0009-0012 THERMODYNAMICS OF THE REACTIONS OF DEOXYDATION OF IRON WITH SILICON AND CARBON BISI 15667	#	000000088999
MIKHAILOV, G. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0009-0012 THERMODYNAMICS OF THE REACTIONS OF DEOXYDATION OF IRON WITH SILICON AND CARBON BISI 15667	#	000000133843
ORLOV, YU. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0013-0015 DISPLACEMENT OF LIQUID BY RISING BUBBLES. COMMUNICATION NO. 1 NTC 79-10370-200	#	000000171172
KOSHELEV, S. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0026-0029 SPECIAL FEATURES OF SILICON REDUCTION IN BLAST FURNACE OF LARGE AND SMALL VOLUME BISI 15668	#	000000099294
YELANSKIY, G. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0042-0045 MINIMUM PERMISSIBLE CARBON CONCENTRATIONS WHEN MELTING TECHNICALLY PURE IRON BISI 15669	#	000000088998
YAVOYSKIY, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0053-0057 CERTAIN FEATURES OF THE REACTION BETWEEN FREE-MELTING DROPLETS OF FE-C, FE-MN AND FE-MN-C MELTS AND OXYGEN *BISI 15670	#	000000077557
YAVOYSKIY, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0053-0057 CERTAIN FEATURES OF THE REACTION BETWEEN FREE- FALLING DROPLETS OF FE-C, FE-MN AND FE-MN-C MELTS AND OXYGEN BISI 15670	#	000000088912
YAVOISKI, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0053-0057 CERTAIN FEATURES OF THE REACTION BETWEEN FREE- FALLING DROPLETS OF FE-C, FE-MN AND FE-MN-C MELTS AND OXYGEN BISI 15670	#	000000133844

MELTING DROPLETS OF FE-C, FE-MN AND FE-MN-C MELTS AND OXYGEN BISI 15670	#	
VELIN, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0067-0071 VOLTAGE CONTROL OF THE ELECTROSLAG REMELTING PROCESS *BISI 15671	#	000000077558
VELIN, N. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0067-0071 VOLTAGE CONTROL OF THE ELECTROSLAG REMELTING PROCESS BISI 15671	#	000000088995
POTAPKIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0072-0074 CONTACT REACTION BETWEEN METAL AND ROLLS DURING THE ASYMMETRIC ROLLING OF LIGHT GAUG STRIP. REPORT 2. *BISI 15672	#	000000077560
PELUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0072-0074 CONTACT REACTION BETWEEN METAL AND ROLLS DURING THE ASYMMETRIC OF LIGHT-GAUGE STRIP BISI 15672	#	000000083816
VYDRIN, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0075-0076 DEFORMATION SPEED CONDITIONS DURING ROLLING IN MULTIPLE-ROLL PASSES NTC 79-10368-11F	#	000000171126
POLYKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0082-0085 GRAPHICAL DETERMINATION OF STRESSES IN DEFORMATION ZONE DURING ROLLING *BISI 15673	#	000000077559
DENISOV, P. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0090-0092 METHOD OF INTERPRETING A SHADOW MOIRE PATTERN WITH A POINT LIGHT SOURCE BISI 15674	#	000000088978
ZHADAN, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0093-0095 ANALYTICAL DETERMINATIONS OF THE DIMENSIONAL DEVIATIONS OF SECTION PROFILE DURING VARIOUS DISTURBANCES REPORT 1 BISI 15675	#	000000205979
DENISOV, P. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA//		000000077561

00/00/1977,V----,N0001, PP 0096-0098  
METHOD OF INTERPRETING A SHADOW MOIRE PATTERN  
WITH A POINT LIGHT SOURCE  
\*BISI 15674

000000088993

YAKOVLEEV, S. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0001, PP 0096-0098  
EXTRUSION OF AN ANISOTROPIC TUBE  
BISI 15676

000000088991

AKULICH, YU. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0001, PP 0099-0101  
OPTIMIZATION OF THE TECHNOLOGICAL PROCESS OF  
ROLLING SECTIONS  
BISI 15677

000000088991

ARKHAROV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0001, PP 0102-0105  
RATIONAL THERMAL CONDITIONS OF PROCESSING LIGHT  
GAUGE TYPE 08KP STEEL  
BISI 15678

000000095057

ASHIKHMIN, G. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0001, PP 0111-0113  
INTER-ROLL PRESSURE ON A TWELVE-ROLL MILL  
\*BISI 15679

000000077567

ASHIKMIN, G. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0001, PP 0111-0113  
INTER-ROLL PRESSURE ON A TWELVE-ROLL MILL  
BISI 15679

000000098475

SKOROKHODOV, N. YE.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0001, PP 0114-0116  
INVESTIGATION AND TESTING OF COMPOSITE MILL ROLLS  
BISI 15680

000000087810

BRINZA, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0001, PP 0120-0123  
STATE OF THE SYSTEM OPERATOR-ROLLING MILL  
NTC 79-10369-13H

000000171154

ZHELEZNOV, YU. D.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0001, PP 0124-0126  
STABILITY OF THIN STRIP DURING CONTINUOUS  
ROLLING  
BISI 15681

000000087742

FILIPPov, E. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0001, PP 0127-0133  
CONDITIONS UNDER WHICH GROUPINGS FROM AND ARE  
STABILIZED IN MOLTEN METAL  
NTC 79-10367-11F

000000171125

KOSTIKOV, V. I.

000000171115

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0134-0136  
STUDY OF THE GROWTH OF PHASES DURING MUTUAL  
DIFFUSION IN THE HF-W SYSTEM  
NTC 79-10371-11F #

DOMYSHEV, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0137-0141  
CRYSTAL STRUCTURE AND MAGNETIC PROPERTIES OF FILMS  
OF COMPOUNDS OF SM, GD AND TB WITH 3D-METALS OF  
LAVES PHASE TYPE  
NTC 79-10373-20L #

000000171168

SHUMILOV, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0146-0149  
INFLUENCE OF ARSENIC ON CARBURIZING  
AND CARBON DIFFUSIONS IN LOW ALLOY STEEL  
\*BISI 15682 #

000000076627

SHUMILOV, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0146-0149  
INFLUENCE OF ARSENIC ON CARBURIZING AND CARBON  
DIFFUSION IN LOW ALLOY STEEL  
BISI 15682 #

000000118504

SHUMILOV, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0146-0149  
INFLUENCE OF ARSENIC ON CARBURIZING AND CARBON  
DIFFUSION IN LOW ALLOY STEEL  
BISI 15682 #

000000125718

SHUMILOV, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0146-0149  
INFLUENCE OF ARSENIC ON CARBURIZING AND CARBON  
DIFFUSIONS IN LOW ALLOY STEEL  
BISI 15682 #

000000133846

STARODUBOV, K. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0150-0153  
APPLICABILITY OF THE LAW OF ADDITIVITY FOR  
DETERMINING THE PROPERTIES OF CERTAIN STRUCTURAL  
STEELS  
BISI 15683 #

000000088994

STARODUBOV, K. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0150-0153  
APPLICABILITY OF THE LAW OF ADDITIVITY FOR  
DETERMINING THE PROPERTIES OF CERTAIN STRUCTURAL  
STEELS  
BISI 15683 #

000000133847

ZEMSKOV, G. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0001, PP 0153-0156  
WEAR RESISTANT MULTICOMPONENT DIFFUSION  
COATINGS ON CHROME STEELS  
\*NTIS TT 79-58083 #

000000163575

ZEMSKOV, G. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0153-0156 DIFFUSION OF WEAR-RESISTANT MULTICOMPONENT COATINGS ON CHROME STEELS NTC 80-13194-11F	000000248308
KIRILTSEV, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0157-0161 LAWS FOR THE STRUCTURE OF TURBULENCE OF AXISYM METRICAL JETS IN AN ACCOMPANYING CURRENT NTC 79-10372-01A	000000163404
DAVIDSON, V. YE. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0162-0165 DEPTH OF PENETRATION OF GAS JET INTO LIQUID DURING TOP BLOWING, WITH ALLOWANCE FOR WAVE AND VISCOUS LOSSES *BISI 15684	000000076629
DAVIDSON, V. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0162-0165 DEPTH OF PENETRATION OF GAS JET INTO LIQUID DURING TOP BLOWING, WITH ALLOWANCE FOR WAVE AND VISCOUS LOSSES BISI 15684	000000088996
DAVIDSON, V. YE. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0162-0165 THE FLUID PENETRATION DEPTH OF A GAS JET DURING TOP BLAST CLEANING WITH CONSIDERATION OF WAVE AND VISCOSITY LOSSES *FSTC SERIAL NO. 1451-79	000000209744
DAVIDSON, V. YE. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0162-0165 THE FLUID PENETRATION DEPTH OF A GAS JET DURING TOP BLAST CLEANING WITH CONSIDERATION OF WAVE AND VISCOSITY LOSSES *FSTC SERIAL NO. 1451-79	000000215086
DAVIDSON, V. YE. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0162-0165 FLUID PENETRATION DEPTH OF A GAS JET DURING TOP BLAST WITH CONSIDERATION OF WAVE AND VISCOUS LOSSES 8 PP OUO COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/HT-1451-79	000000299460
ORLOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0001, PP 0166-0168 ERRORS IN DETERMINING THE ABSORPTIVITY OF A FLAME BY THE SCHMIDT METHOD BISI 15685	000000088982
SCHERBATSKIY, V. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000076631

00/00/1977, V----, N0001, PP 0169-0172 RATE OF HEAT TRANSFER IN AN IRREGULARLY BLOWN MOVING LAYER *BISI 15686	#	000000088981
SHCHERBATSKIY, V. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0169-0172 RATE OF HEAT TRANSFER IN AN IRREGULARLY BLOWN MOVING LAYER BISI 15686	#	0000000133848
PTITSYN, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0173-0175 RADIATION PROPERTIES OF TRANSFORMER STEEL BISI 15687	#	000000205980
PTITSYN, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0173-0175 RADIATION PROPERTIES OF TRANSFORMER STEEL BISI 15687	#	000000205981
SURINOV, YU. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0176-0179 NUMERICAL INVESTIGATION OF LOCAL AND AVERAGED CHARACTERISTICS OF RADIANT HEAT EXCHANGE IN A CONICAL CHAMBER BISI 15688	#	000000077332
LIVENTSEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0180-0184 THE PARAMETERS OF OXYGEN-GRAPHITE COMPARISON ELECTRODES IN OXYGEN CONCENTRATION CELLS *BISI 15689	#	000000205982
LIBENTZEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0001, PP 0180-0184 THE PARAMETERS OF OXYGEN-GRAPHITE COMPARISON ELECTRODES IN OXYGEN CONCENTRATION CELLS BISI 15689	#	000000205958
POVOLOTSKIY, D. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, VOLATILITY OF MELTS OF THE CAO - AL2O3 - CAF2 SYSTEM BISI 15833	#	000000182487
KHRUSHCHEV, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP -013-0016 THE MECHANISM OF THE REACTION BETWEEN METAL OXIDES AND CARBON BLID: REF. 5828.4F(25571)	#	000000091888
BURYLEV, B. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0005-0007 CALCULATION OF HEATS OF FORMATION OF IRON	#	

COMPOUNDS BISI 15829	#	
BURLEY, B. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0005-0007 CALCULATION OF HEATS OF FORMATION OF IRON COMPOUNDS BISI 15829	#	000000116511
PETRUSHEVSKIY, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0008-0012 ASSESSMENT OF THE MOLAR VOLUMES AND SURFACE CHARACTERISTICS OF MOLTEN TIN-IRON ALLOYS BISI 15830	#	000000091876
PETRUSHEVSKIY, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0008-0012 ASSESSMENT OF THE MOLAR VOLUMES AND SURFACE CHARACTERISTICS OF MOLTEN TIN-IRON ALLOYS BISI 15830	#	000000101498
KOPYRIN, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0017-0020 FORMATION OF STRUCTURAL ZONES OF PELLETS FROM MAGNETITE CONCENTRATE BISI 15831	#	000000091877
POVOLOTSKIY, D. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0026-0029 ACCURACY WITH WHICH THE ACTIVITY OF THE COMPONENTS OF MOLTEN ALLOYS ARE DETERMINED BISI 15832	#	000000091878
POVOLOTSKIY, D. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0040-0042 VOLATILITY OF MELTS OF THE CAO - AT203 - CAF2 SYSTEM BISI 15833	#	000000091879
KLIMENTKO, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0043-0046 SPREAD DURING VIBRATION ROLLING BISI 15834	#	000000091880
TIMOFEEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0047-0050 SOME OF THE PROBLEMS IN THE SURFACE FORMATION QUALITY OF H-BEAMS BISI 15835	#	000000091881
TIMOFEEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0047-0050 SOME OF THE PROBLEMS IN THE SURFACE FORMATION QUALITY OF H-BEAMS BISI 15835	#	000000101857

TIMOFEEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0002, PP 0047-0050 SOME OF THE PROBLEMS IN THE SURFACE FORMATION QUALITY OF U-BEAMS 1 BISI 15835	#	000000178502
MAZUR, V. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0002, PP 0054-0059 RATIONAL METHOD OF CALCULATING ON A COMPUTER THE PARAMETERS OF LIGHT-GAUGE SHEET ROLLING BISI 15836	#	000000091882
MAZUR, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0002, PP 0054-0059 RATIONAL METHOD FOR CALCULATING ON A COMPUTER THE PARAMETERS OF LIGHT GAUGE SHEET ROLLING BISI 15836	#	000000101858
MAZUR, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0002, PP 0054-0059 RATIONAL METHOD FOR CALCULATING ON A COMPUTER THE PARAMETERS OF LIGHT GAUGE SHEET ROLLING BISI 15836	#	000000178503
OL'YAK, V. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0002, PP 0063-0065 NUMERICAL SOLUTION OF THE PROBLEM OF THE TEMPERA TURE EFFECT OF DEFORMATION BISI 15837	#	000000091869
OL'YAK, V. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0002, PP 0063-0065 NUMERICAL SOLUTION OF THE PROBLEM OF THE TEMPER- ATURE EFFECT OF DEFORMATION BISI 15837	#	000000101499
OLYAK, V. O. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0002, PP 0063-0065 NUMERICAL SOLUTION OF THE PROBLEM OF THE TEMPERATURE EFFECT OF DEFORMATION BISI 15837	#	000000178547
GRISHKOV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0002, PP 0070-0073 EQUATIONS OF EQUILIBRIUM AND PLASTICITY IN PROBLEMS OF METAL TREATMENT BY PRESSURE BISI 15838	#	000000091870
GRISHKOV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0002, PP 0070-0073 EQUATIONS OF EQUILIBRIUM AND PLASTICITY IN PROBLEMS OF METAL TREATMENT BY PRESSURE BISI 15838	#	000000101500
GRISHKOV, A. I.		000000178548

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0002, PP 0070-0073  
EQUATIONS OF EQUILIBRIUM AND PLASTICITY IN  
PROBLEMS OF METAL TREATMENT BY PRESSURE  
BISI 15838 #

000000091871

TOMILOV, F. KH.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0002, PP 0078-0080  
RELATIONSHIP BETWEEN THE PLASTICITY OF A METAL  
AND THE TYPE OF STRESSED STATE AT VARIOUS  
BISI 15839 #

000000101501

TOMILOV, F. KH.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0002, PP 0078-0080  
RELATIONSHIP BETWEEN THE PLASTICITY OF A METAL  
AND THE TYPE OF STRESSED STATE OF VARIOUS  
TEMPERATURES  
BISI 15839 #

000000178549

TOMILOV, F. KH.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0002, PP 0078-0080  
RELATIONSHIP BETWEEN THE PLASTICITY OF A METAL AND  
THE TYPE OF STRESSED STATE OF VARIOUS TEMPERATURES  
BISI 15839 #

000000178549

POLUKHIN, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0002, PP 0081-0085  
CALCULATION OF THE PARAMETERS OF THE ASYMMETRIC  
LIGHT-GAUGE STRIP ROLLING PROCESS  
BISI 15840 #

000000091872

POLUKHIN, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0002, PP 0081-0085  
CALCULATION OF THE PARAMETERS OF THE ASYMMETRIC  
LIGHT-GAUGE STRIP ROLLING PROCESS RPT 1  
BISI 15840 #

000000099309

POLUKHIN, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0002, PP 0081-0085  
CALCULATION OF THE PARAMETERS OF THE ASYMMETRIC  
LIGHT-GAUGE STRIP ROLLING PROCESS  
BISI 15840 #

000000178508

SHAPOVALOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0002, PP 0094-0097  
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AND CONSISTENCY OF THEIR GROWTH 12 PP  
BLDD: REF. 5828,4F(25572) #

000000178337

BUNIN, K. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0002, PP 0106-0109  
RESEARCH INTO  
BISI 15841 #

000000118503

BUNIN, K. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//

000000139575

00/00/1977, V----, N0002, PP 0106-0109  
RESEARCH INTO - RECRYSTALLIZATION DURING DIFFUSIONAL CHANGE IN CARBON CONTENTS OF IRON ALLOYS  
BISI 15841 #

ZEMSKIY, S. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0110-0113  
SELF-DIFFUSION OF IRON IN IRON-MANGANESE ALLOYS  
BISI 15842 #

ZEMSKII, S. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0110-0113  
SELF-DIFFUSION OF IRON IN IRON-MANGANESE ALLOYS  
BISI 15862 #

SHTREMEL, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0114-0118  
TEMPERATURE AT WHICH FISHEYES FORM IN 35KH3MFA  
STEEL AND KINETICS OF THEIR GROWTH  
BISI 15843 #

SHTREMEL, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0114-0118  
TEMPERATURE AT WHICH FISHEYES FORM IN 35KH3MFA  
STEEL AND KINETICS OF THEIR GROWTH  
BISI 15843 #

SHTREMEL, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0114-0118  
TEMPERATURE AT WHICH FISHEYES FORM IN 35KH3MFA  
STEEL AND KINETICS OF THEIR GROWTH  
BISI 15843 #

AVALIANI, M. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0123-0126  
VISCOSITY OF ALLOYS OF IRON WITH CARBON  
BISI 15844 #

AVALIANI, M. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0123-0126  
THE VISCOSITY OF IRON-CARBON ALLOYS.  
HSE 8744 #

LYUBCHENKO, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0127-0130  
MICRO-DISTRIBUTION OF MG AND SI IN REMELTS  
OF HIGH-MAGNESIUM CAST IRON  
BISI 15845 #

LYUBCHENKO, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0002, PP 0127-0130  
MICRO-DISTRIBUTION OF MG AND SI IN REMELTS OF  
HIGH-MAGNESIUM CAST IRON  
BISI 15845 #

000000091874

000000101920

000000091875

000000101506

000000091863

000000221771

000000091864

000000103592

GOL'DFARB, E. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0131-0134 ALGORITHM FOR CALCULATING THE THERMAL WORK OF THE LOWER HEAT-EXCHANGE ZONE OF A BLAST FURNACE BISI 15846 #	000000091865
KOPYRIN, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0131-0134 ALGORITHM FOR CALCULATING THE THERMAL WORK OF THE LOWER HEAT-EXCHANGE ZONE OF A BLAST FURNACE BISI 15846 #	000000101751
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0140-0143 CALCULATING THE HEATING OF METAL IN CONVEYER FURNACES DURING STATIC DISTURBANCE. REPORT 1 BISI 15847 #	000000091866
ZOLOTAREV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0144-0147 CALCULATING THE TEMPERATURE AND STRESSES IN A CYLINDER WITH A VARYING HEAT FLOW BISI 15848 #	000000091867
ZOLOTAREV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0144-0147 CALCULATING THE TEMPERATURE AND STRESSES IN A CYLINDER WITH A VARYING HEAT FLOW BISI 15858 #	000000101853
IL'CHENKO, K. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0148-0152 EXPERIMENT PLANNING USED FOR INVESTIGATING THE THERMAL AND PHYSICAL PROPERTIES OF A DISPERSED MATERIAL BISI 15849 #	000000091868
IL'CHENKO, K. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0148-0152 EXPERIMENT PLANNING USED FOR INVESTIGATION THE THERMAL AND PHYSICAL PROPERTIES OF A DISPERSED MATERIAL BISI 15849 #	000000101924
SEROKHVOSTOV, A. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0153-0157 DETERMINING THE ANGULAR COEFFICIENTS OF RADIATION FOR A SYSTEM OF COAXIAL BODIES BISI 15850 #	000000091857
SEROKHVOSTOV, A. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0153-0157 DETERMINING THE ANGULAR COEFFICIENTS OF RADIATION FOR A SYSTEM OF COAXIAL BODIES BISI 15850 #	000000103587

BISI 15850	#	
GIATULLIN, KH. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0164-0167 PROBLEMS OF FORMING AN OPTIMUM PRODUCTION PROGRAMME OF THE ROLLING OUTPUT OF AN UNDERTAKING BLID 5828.4F (25573)		000000309926
GRANKOVSKII, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0168-0170 DYNAMIC MODEL OF THE STEELMAKING BATH DECARBURIZATION PROCESS BISI 15851	#	000000099323
ZELTSER, S. R. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0174-0176 ACCURATE DEFINITION OF MODELLING IN TERMS OF ADDITIONS TO THE PARAMETERS OF INDUSTRIAL EQUIPMENT BLID: 5828.4F (25574)	#	000000278805
PETROV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0177-0180 EFFECT OF STRENGTHENING STRIP METAL ON THE FORCE OF DRAWING IT THROUGH AN UNDRIVEN ROLLER- STRAIGHTENING MACHINE BISI 15852	#	000000091859
PETROV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0177-0180 EFFECT OF STRENGTHENING STRIP METAL ON THE FORCE OF DRAWING IT THROUGH AN UNDRIVEN ROLLER AT STRAIGHTENING MACHINE BISI 15852	#	000000099310
PETROV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0177-0180 EFFECT OF STRENGTHENING STRIP METAL ON THE FORCE OF DRAWING IT THROUGH AN UNDRIVEN ROLLER STRAIGHTENING MACHINE BISI 15852	#	000000178529
FEDOROV, M. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0181-0184 METHOD OF CALCULATING SCHEDULES FOR STRENGTHEN- ING I-BEAMS ON ROLLER-STRAIGHTENING MACHINES BISI 15853	#	000000091860
FEDOROV, M. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0002, PP 0181-0184 METHOD OF CALCULATING SCHEDULES FOR STRENGTHENING I BEAMS ON ROLLER STRAIGHTENING MACHINES BISI 15853	#	000000099302
FEDOROV, M. N.		000000178507

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO002, PP 0181-0184  
METHOD OF CALCULATING SCHEDULES FOR STRENGTHENING  
1-BEAMS ON ROLLER STRAIGHTENING MACHINES  
BISI 15853 #

000000094474

ZHADAN, V. T.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO003,  
ANALYTICAL DETERMINATION OF DEVIATIONS IN THE  
DIMENSIONS OF SECTION PROFILES WITH DIFFERENT  
DISTURBANCES. COMMUNICATION 2  
\*BISI 15979 #

000000094474

BALAKIR, YE. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO003, PP 0005-0006  
AN INVESTIGATION OF MUTUAL DIFFUSION IN THE  
TITANIUM VANADIUM SYSTEM 6 PP  
BLID: REF. 5828.4F(25588) #

000000178346

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO003, PP 0007-0013  
DECARBURIZATION INTENSIFICATION PARAMETERS OF  
IRON MELTS IN THE ABSENCE OF A SURFACE ACTIVE  
MEDIUM  
BISI 15968 #

000000103585

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO003, PP 0007-0013  
DECARBURIZATION INTENSIFICATION PARAMETERS OF  
IRON MELTS IN THE ABSENCE OF A SURFACE ACTIVE  
MEDIUM  
\*BISI 15968 #

000000205971

MOLONOV, G. D.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO003, PP 0014-0017  
SURFACE ACTIVITY OF ARSENIC IN LIQUID IRON  
ARSENIC MELTS  
BISI 15969 #

000000101474

KALLISTRATOV, O. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO003, PP 0018-0020  
STATE OF THE CARBON IN FE-C MELTS FROM ULTRASONIC  
MEASUREMENTS  
BISI 15970 #

000000103586

PRONIN, I. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO003, PP 0026-0031  
COMBINED CONTROL SYSTEM FOR GAS-MIXING STATION  
BISI 15971 #

000000099269

PRONIN, I. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO003, PP 0026-0031  
COMBINED CONTROL SYSTEM FOR GAS-MIXING STATION  
BISI 15971 #

000000103638

ARSENT'EV, P. P.

000000103333

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0003, PP 0043-0046  
VARIATION IN THE VISCOSITY CHARACTERISTICS  
OF MOLTEN METAL DURING THE FORMATION OF A  
LARGE INGOT OF ACID STEEL  
BISI 15972 #

000000103588

ZAVGORODNII, P. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0003, PP 0047-0050  
CALCULATION OF THE DISTRIBUTION OF AN IMPURITY  
IN A CRYSTALLIZING INGOT  
BISI 15973 #

000000103588

SHCHERBADOV, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0003, PP 0059-0062  
SYNTHESIS OF ALGORITHMS FOR CONTROL OF STEEL  
MAKING PROCESSES ALLOWING FOR DELAYS AND DIS-  
TURANCES WITHIN CONTROL SYSTEM CONTOUR.REPORT 1.  
BISI 15974 #

000000139573

POLYAKOV, M. G.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0003, PP 0067-0070  
MATHEMATICAL MODEL OF A FOUR-ROLL PASS DURING  
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BISI 15975 #

000000103336

POLUKHIN, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0003, PP 0075-0078  
CALCULATION OF THE PARAMETERS OF THE FINEGAUGE  
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000000101479

BOCHKOV, N. G.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0003, PP 0079-0083  
METHOD OF CALCULATING THE SHAPE PARAMETERS OF  
FLAT ROLLED SEMIPRODUCT AND THE BASIS  
BISI 15977 #

000000101478

CHELYUSTKIN, A. B.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0003, PP 0084-0087  
THE PROBLEM OF IMPROVING THE QUALITY OF HOT  
ROLLED THIN STRIP. 2.  
BISI 15978 #

000000296263

ZNADAN, V. T.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0003, PP 0090-0092  
ANALYTICAL DETERMINATION OF DEVIATIONS IN THE  
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000000103338

POTAPOV, I. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0003, PP 0093-0096  
ANALYSIS OF THE RATE CONDITIONS OF HELICAL ROLLING  
IN A MILL WITH GUIDES AND WITH UNDRIVEN DISCS  
BISI 15980 #

000000108379

POLUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0003, PP 0097-0100 MUTUAL CONTACT ACTION BETWEEN METAL AND ROLL DURING PLANETARY ROLLING BISI 15981	#	000000103302
LEL', R. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0003, PP 0101-0105 RADIAL FLATTENING OF FOUR-HIGH MILL WORK ROLLS BISI 15982	#	000000101477
KAMMEY, P. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0003, PP 0106-0108 STANDARDIZATION OF FORGING WORK UNDER FREE-FORGING HAMMERS BISI 15983	#	000000101481
KOLESNIK, O. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0003, PP 0112-0114 EFFECT OF THE OPENING ANGLE ON THE SPECIFIC FORCES WHEN FORGING SHAFTS IN RHOMBIC BLOCKS BISI 15984	#	000000204483
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FILIPPOV, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0003, PP 0119-0126 THEORY OF PHASE TRANSITIONS BISI 15986	#	000000103231
BORISOV, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0003, PP 0127-0131 FORMATION OF AMORPHOUS ALLOYS WHEN QUENCHING FROM THE LIQUID BISI 15987	#	000000108390
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SHCHELOKOV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, PP 0171-0173 BEHAVIOR PATTERNS OF THE FORMATION OF A TEM PERATURE FIELD IN A TURBULENT DIFFUSION FLAME BISI 15994	#	000000108374
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CHELYUSTKIN, A. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0003, 0084-0087 THE PROBLEM OF IMPROVING THE QUALITY OF HOT ROLLED THIN STRIP. COMMUNICATION 2. BISI 15978	#	000000108381

LISIENKO, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0016-0059 A METAL HEATING PROBLEM SOLVED BY THE NODAL METHOD USING LOCAL CHARACTERISTICS OF HEAT TRANSFER AND COMPLEX BOUNDARY CONDITIONS *BISI 16059 #	000000101799
KOPYRIN, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0017-0021 FORMATION OF THE STRUCTURAL ZONES OF PELLETS FROM MAGNETITE CONCENTRATE BISI 16046 #	000000108206
MAKSIMOV, YE. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0022-0025 EXPERIMENTAL INVESTIGATIONS OF GAS FLOW DISTRIB UTION IN STATIC AND MOVING BED BISI 16047 #	000000108182
MAKSIMOV, YE. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0022-0025 EXPERIMENTAL INVESTIGATION OF GAS FLOW DISTRIBUTION IN STATIC AND MOVING BED. BISI 16047 #	000000108285
SHIFRIN, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0043-0047 AN INVESTIGATION OF THE DISTRIBUTION OF HYDROGEN BETWEEN METALS AND SIAG SURING THE ELECTRIC MELTING OF STAINLESS STEEL BISI 16048 #	000000145866
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GRIGOR'YEV, A. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0052-0054 OPTIMIZATION OF STRIP COLD ROLLING SCHEDULES WITH THE AIM OF REDUCING LONGITUDINAL THICKNESS VARIATION BISI 16050 #	000000108201
SEREBRYAKOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0055-0058 INVESTIGATION OF THE WARPING OF TUBES WHEN DRAWING ON A FIXED MANOVEL BISI 16051 #	000000190201
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DRAWING ON A FIXED MANDREL BISI 16051	#	
TIMOFEEV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0059-0062 SOME PROBLEMS OF FORMING THE SURFACE QUALITY OF I-BEAM SEMIPRODUCTS BISI 16052	#	000000108202
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SEREGIM, S. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0067-0069 COMPARISON OF TWO METHODS OF INVESTIGATING THE INHOMOGENEITY IN A METAL DURING ROLLING BISI 16089	#	000000118510
SEREGIM, S. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0067-0069 COMPARISON OF TWO METHODS OF INVESTIGATING THE INHOMOGENEITY IN A METAL DURING ROLLING BISI 16089	#	000000309768
KRISHMAL, M. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0076-0081 DIFFUSION PROCESSES IN THE TITANIUM-IRON AND TITANIUM-IRON-CARBON SYSTEMS BISI 16054	#	000000108178
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GARVRILLIN, I. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0090-0094 SELECTION OF RATIONAL TYPE-1 INOCULANTS FOR STEEL BISI 16056	#	000000108209
SOLNZEV, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0095-0098 EFFECT OF THE INITIAL STRUCTURE ON THE CONSTITUTION AND PROPERTIES OF HIGH STRENGTH CAST IRON AFTER HEAT TREATMENT BISI 16057	#	000000145871
GOL'DFARB, YE. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0004, PP 0099-0102 OPTIMIZING THE THICKNESS OF THE LININGS OF RE HEATING FURNACES	#	000000108207

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LISYENKO, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0106-0111 A METAL HEATING PROBLEM SOLVED BY THE NODAL METHOD USING LOCAL CHARACTERISTICS OF HEAT TRANSFER AND COMPLEX BOUNDARY CONDITIONS.		000000108287
BISI 16059	#	
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0117-0120 CALCULATING THE HEATING OF METAL IN CONVEYER FURNACES DURING STATISTICAL DISTURBANCES. REPORT 2.		000000108185
BISI 16060	#	
SHEVTSOV, E. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0127-0129 A METHOD OF CONTINUOUSLY CONTROLLING THE CARBON CONTENT OF OH-FURNACE STEEL OF OH-FURNACE STEEL		000000145869
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MAKOVSKII, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0130-0134 THE NUMERICAL OPTIMIZATION OF THE THERMAL RUNNING OF A REHEATING FURNACE		000000145867
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EVTUSHENKO, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0135-0138 METHOD FOR THE SCANNING IDENTIFICATION INDUSTRIAL OBJECTIVES		000000106534
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EVTUSHENKO, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0135-0138 METHOD FOR SCANNING IDENTIFICATION OF INDUSTRIAL OBJECTIVES		000000309775
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SUL'MAN, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0139-0143 DEVELOPMENT OF RESEARCH SYSTEMS WITHIN THE COMP OSITION OF LARGE CP ACS		000000108180
BISI 16064	#	
SARAPULOV, YU. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0144-0148 PROVIDING AN ALGORITHM FOR BLAST-FURNACE PROCESS CONTROL THROUGH BLAST PARAMETERS		000000108204
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SHIRYAEV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0155-0160 INVESTIGATION OF FORCE AND DEFORMATION OF THE		000000112616

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SHIRYAYEV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0155-0160 INVESTIGATION OF FORCES AND DEFORMATIONS OF THE STAND IN MULTIPLE STRAND ROLLING SCHEMES AND WITH DEVICES FOR PRESTRESSING BISI 16066	#	
MEDOKOV, V. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0163-0165 IMPROVEMENT OF PRODUCTION ORGANISATION IN THE CONTINUOUS FURNACES ROLLING MILL DEPARTMENT BISI 16067	#	000000106539
MEDOKOV, V. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0163-0165 IMPROVEMENT OF PRODUCTION ORGANISATION IN THE CONTINUOUS FURNACES ROLLING MILL DEPARTMENT BISI 16067	#	000000309776
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0374-0375 CALCULATING THE HEATING OF METAL IN CONVEYER FURNACES DURING STATISTICAL DISTURBANCES. BISI 16060	#	000000108288
ARSENT'EV, P. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0014-0017 VISCOUS PROPERTIES OF IRON MELTS WITH ALLOY ING ELEMENT ADDITIONS BISI 16129	#	000000105350
BODAKIN, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0018-0021 VISCOSITY OF LIQUID ALLOYS OF THE FE-NI SYSTEM BISI 16130	#	000000105351
BODAKIN, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0018-0021 VISCOSITY OF LIQUID ALLOYS OF THE FE-NI SYSTEM BISI 16130	#	000000147476
DROZDOV, N. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0022-0024 STUDY OF THE MECHANISM AND KINETICS OF SULPHUR EVAPORATION BY THE LEVITATED-DROP METHOD BISI 16131	#	000000105352
DERYABIN, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0025-0028		000000105353

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AKHMATOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0029-0032 WETTING PLASMA COATINGS WITH LIQUID ALUMINUM BISI 16133	#	000000105354
OSINOVSKIY, L. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0036-0040 THERMAL DIFFUSIVITY AND CONDUCTIVITY OF BLAST FURNACE SLAGS. BISI 16134	#	000000116352
KOCHE, V. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0041-0044 MATHEMATICAL DESCRIPTION AND CONTROL ALGORITHM OF A BASIC OXYGEN FURNACE HEAT BISI 16135	#	000000122272
DOZOROV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0047-0049 MATHEMATICAL MODEL OF THE PROCESS OF REMOVING HYDROGEN FROM LIQUID STEEL BISI 16136	#	000000105357
DOZOROV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0047-0049 MATHEMATICAL MODEL OF THE PROCESS OF REMOVING HYDROGEN FROM LIQUID STEEL BISI 16136	#	000000115074
MELIK-SHAKHNAZAROV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0050-0054 DEVELOPMENT OF AN ALGORITHM FOR THE SOLIDIFICATION OF A CONTINUOUS INGOT IN CONTINUOUS BILLET CASTING MACHINES BISI 16137	#	000000118523
NAZYUTA, L. YU. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0058-0061 THE PART PLAYED BY METAL SHOT IN THE OXIDATION OF MANGANESE DURING A BLOW IN BASIC OXYGEN FURNACES BISI 16138	#	000000122273
KOLESNIK, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0062-0064 ASSESSMENT OF THE DURABILITY OF THE CALISSON COOLER OF BASIC OXYGEN FURNACE GASES BISI 16139	#	000000115746
CHUGUNOV, L. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0068-0070 THE BALLAST-FREE POWER SUPPLY OF POWERFUL ARC	#	000000126870

PLASMATRONS BISI 16140	#	
TRUSOV, P. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0005, PP 0084-0087 DETERMINATION OF THE RESIDUAL STRESSES IN HOT- ROLLED H-BEAMS. REPORT 1. BISI 16143	#	000000108211
SKOROKHODOV, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0005, PP 0113-0116 INVESTIGATION AND TESTS OF COMPOSITE ROLLING MILLS. COMMUNICATION 1. BISI 16147	#	000000118511
SKOROKHODOV, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0005, PP 0113-0116 INVESTIGATION AND TESTS OF COMPOSITE ROLLING MILLS 1. BISI 16147	#	000000309769
FILIPPOV, E. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0005, PP 0120-0126 QUANTIZATION OF THE FREE VOLUME, FORMATION OF THE STRUCTURES IBBC, FCC, HEXAGONALI AND SPHERES OF INTERACTION BISI 16149	#	000000108213
MINTS, R. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0005, PP 0135-0137 INVESTIGATION OF THE STATE OF MOSSBAUER ATOMS OF IRON IN A DEFORMED IRON-MANGANESE ALLOY BISI 16150	#	000000116509
ANIKEYEV, YE. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0005, PP 0145-0147 PRODUCING CARBIDE COATINGS ON GRAPHITE FSTC SERIAL NO. 1292-78	#	000000153842
ANIKEYEV, YE. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0005, PP 0145-0147 PRODUCING CARBIDE COATINGS ON GRAPHITE *FSTC SERIAL NUMBER 1292-78	#	000000159082
ANIKEYEV, YE. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0005, PP 0145-0147 PRODUCING CARBIDE COATINGS ON GRAPHITE 7 PP OUO COPYRIGHT INFO REFER OTHERS TO FSTC ARM/FSTC/HT-1292-78	#	000000212217
ANASTASYADI, G. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0005, PP 0148-0151 DISTRIBUTION OF ADDITION TO THE DENORITE CELLS IN THE CRYSTALLIZATION AND COOLING OF AN ALLOY BISI 16152	#	000000108212

CHUVIKIN, N. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, PP 0157-0160 IDENTIFICATION OF CONVECTIVE-DIFFUSION SYSTEMS BISI 16154 #	000000108214
IBRYAYEV, V. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0005, 0171-0173 DETERMINATION OF THE OPTIMUM PERIODICITY OF REPAIRS TO SOAKING PITS BISI 16157 #	000000108410
BURYLEV, B. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0007-0011 INTERACTION OF MANGANESE AND METALS OF THE IRON GROUP WITH THEIR CHLORIDES BISI 16357 #	000000122279
ZAKHAROV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0015-0018 DIMENSIONS OF RACEWAYS ZONES IN THE BLAST FURNACE. COMMUNICATION 1. BISI 16358 #	000000116351
PETRUNOV, V. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0019-0022 SINTERING OF AYATSK BAUXITE. *BISI 16359 #	000000116374
OKHOTSKII, V. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0026-0032 DYNAMICS OF A METAL BATH WHEN INJECTING THE METAL. BISI 16360 #	000000116334
DANCHENKOV, YA. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0033-0038 CRITERIA FOR THE DYNAMIC OF THE RATE AT WHICH CARBON IS OXIDIZED. BISI 16361 #	000000116361
SHIFRIN, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0059-0062 BEHAVIOR OF HYDROGEN IN THE BATH OXYGEN BLOW PERIOD DURING THE ELECTRIC FURNACE MELTING OF A 18-10 TYPE STAINLESS STEEL. BISI 16362 #	000000116337
PARSHIN, V. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0006, PP 0063-0067 STRESSES DURING THE DRAWING OF AN AXIALLY SYMMETRIC BODY WITH DUE REGARD TO INITIAL PLASTIC INHOMOGENEITY. BISI 16363 #	000000116313
GORDYUSHCHEV, A. G.	000000116288

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO006, PP 0072-0076  
EFFECT OF ROLLING PARAMETERS ON THE MAGNETIC  
PROPERTIES OF COLD-ROLLED TRANSFORMER STEEL.  
BISI 16364 #

STARICHENKO, D. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO006, PP 0077-0081  
EFFECT OF JOINT ACTION OF THE LUBRICANTS KOS-1  
AND DISON IN THE COLD ROLLING OF TRANSFORMER  
STEEL.  
BISI 16365 #

GRIGOR'EV, A. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO006, PP 0082-0084  
INEQUALITY OF DEFORMATION WHEN JOINING SIMILAR  
METALS BY THE PACK ROLLING METHOD.  
BISI 16366 #

BROVMAN  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO006, PP 0085-0088  
ACTION OF DYNAMIC PROCESSES ON THE DEFORMATION  
OF METALS.  
BISI 16367 #

CHELYSHEV, N. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO006, PP 0091-0093  
INVESTIGATION OF THE RESISTANCE OF RAILS TO CROSS  
SECTIONAL FATIGUE FRACTURE  
BISI 16368 #

FARBER, V. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO006, PP 0099-0102  
RESEARCH INTO THE DYNAMIC RECRYSTALLIZATION OF  
AUSTENITE IN MEDIUM CARBON STEELS BASED ON  
DIFFERENT ALLOYING SYSTEMS  
\*BISI 16369 #

TARAN, YU. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO006, PP 0106-0108  
CHEMICAL MICRO-HETEROGENEITY OF TYPE (FE,M0)6  
C IRON MOLYBDENUM CARBIDE IN FE-MO-C ALLOYS.  
BISI 16370 #

BOGACHEV, I. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO006, PP 0109-0111  
INFLUENCE OF PRIOR DEFORMATION ON THE MECHANICAL  
PROPERTIES OF OKH14AG12M STEEL  
BISI 16371 #

BOGACHEV, I. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO006, PP 0109-0111  
EFFECT OF PRELIMINARY DEFORMATION ON MECHANICAL  
CHARACTERISTICS OF STEEL OKH14AG12M  
\*FSTC SERIAL NUMBER 1321-80 #

000000115931

000000116340

000000116354

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000000122274

000000116280

000000116341

000000310879

EM, P. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0115-0120 RESEARCH INTO THE INTERACTION OF STEEL-MAKING CARBON FERROCHROMIUM AND SILICON. BISI 16372	#	000000115995
GRIGOR'EV, A. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0124-0128 STRUCTURE AND PROPERTIES OF TWO-PHASE STAINLESS STEEL AFTER HEAT AND MECHANICAL TREATMENT AT HIGH TEMPERATURES. BISI 16373	#	000000116356
BASHUKOV, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0129-0132 PRIMARY CRYSTALLIZATION OF MOTTLED CAST IRONS BISI 16374	#	000000131426
AKIMENKO, A. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0133-0137 INVESTIGATION OF THE HEAT EXCHANGE DURING THE CASTING OF STEEL INTO A BORON-SILICONIZED GRAPHITE MOULD. BISI 16375	#	000000116358
KRAVCHENKO, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0141-0145 THE PROBLEM OF EVALUATING THE DEGREE TO WHICH MASSIVE BLANKS ARE HEATED RIGHT THROUGH BISI 16376	#	000000122275
DENISOV, M. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0146-0149 EFFECTS OF THE RECIRCULATION PROCESS ON THE AB- SORPTION OF HEAT BY THE METAL IN FURNACES BISI 16377	#	000000122276
LISIENKO, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0150-0153 INTEGRAL DEGREE OF BLACKNESS OF TUBE STEELS WHEN HEATING IN A PROTECTIVE ATMOSPHERE. BISI 16378	#	000000116339
RAEVA, M. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0154-0157 PERFECTING A METHOD OF CALCULATING THE HEAT- ING OF UNIVARIATE BODIES WITH NON-LINEAR BOUNDARY CONDITIONS. BISI 16379	#	000000116286
MEDZHIBOZHAKII, M. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0158-0161 THE PROCESS OF DECARBURIZATION OF STEEL MO- DELLED DYNAMICALLY WITH AN ELECTRONIC COMPUTER BISI 16380	#	000000116315

PETROV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0167-0169 ELASTIC PLASTIC BENDING MOMENT DURING THE STRAIGHTENING OF STRIP BY DRAWING METHOD WITH DUE REGARD TO THE WORK HARDENING OF THE MATERIAL. BISI 16381	#	000000116314
LEKHOV, O. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0170-0173 DYNAMICS OF THE HORIZONTAL STAND DRIVE LINES ON CONTINUOUS BILLET MILLS. BISI 16382	#	000000116299
IOFFE, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO006, PP 0182-0185 TECHNICAL PARTICULARS OF HEATS CARRIED OUT IN OXYGEN-BLOWN CONVERTERS USING A SEMI- PRODUCT. BISI 16383	#	000000116336
ODINOKOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO007, PP 0001-0103 PROBLEM OF THE DEFORMATION OF A CONTINUOUSLY CAST SLAB IMMEDIATELY DOWNSTREAM OF THE MOULD. REPORT 2. BISI 16455	#	000000131455
GRINTSOV, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO007, PP 0005-0007 COMBINED LOW TEMPERATURE RECOVERY OF MOLYBDENUM AND IRON FROM THEIR OXIDES BISI 16439	#	000000116548
DERYABIN, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO007, PP 0018-0021 ATTRACTION OF SINTERING MIX PARTICLES BY LAYERS OF IRON SILICATE MELTS. COMMUNICATION 2. BISI 16440	#	000000115912
BRATCHIKOV, S. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO007, PP 0022-0025 STUDY OF THE KINETICS OF NON-ISOTHERMAL FIRING OF PELLETS WITH DIFFERENT HEATING RATES. BISI 16441	#	000000115914
GOL'DFARB, YE. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO007, PP 0026-0028 OPTIMUM OPERATING REGIME OF A UNIT OF BLAST- FURNACE HOT-BLAST STOVES. BISI 16442	#	000000130119
SHCHERBAKOV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO007, PP 0030-0032 ADAPTIVE ALGORITHMS FOR AN OPTIMUM ASSESSMENT OF	#	000000116552

CARBON CONCENTRATION IN LIQUID STEEL. COMMUNI-	
CATION 2	
BISI 16443	#
OIKS, G. N.	000000116553
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0040-0042	
CALCULATION OF THE METAL BLOWING CONDITIONS IN	
AN INGOT MOULD	
BISI 16444	#
SHEVTSOV, E. K.	000000116554
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0043-0045	
THE EFFECTIVENESS OF MIXING OF A STEELMAKING BATH	
BISI 16445	#
MIKHALIK, E.	000000116555
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0046-0053	
RADIO-ISOTOPE INVESTIGATIONS OF SULPHUR PICK-UP	
IN METAL DURING THE OPEN HEARTH PROCESS	
BISI 16446	#
OIKS, G. N.	000000116556
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0054-0058	
THE QUALITY OF STEEL WHICH HAS UNDERGONE PRELI-	
MINARY DEOXIDATION BY GRAPHITE	
BISI 16447	#
BRINZA, V. N.	000000116557
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0068-0070	
USE OF ELECTRIC STEELMAKING SLURRIES FOR MELTING	
STEEL	
BISI 16448	#
KOLIKOV, A. P.	000000115901
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0078-0082	
INVESTIGATION OF PROCESSES OF HIGH-TEMPERATURE	
REELING IN DIFFERENT ATMOSPHERE	
BISI 16450	#
KOLIKOV, A. P.	000000116559
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0078-0082	
INVESTIGATION OF PROCESSES OF HIGH-TEMPERATURE	
REELING IN DIFFERENT ATMOSPHERES	
BISI 16450	#
VORONTSOV, V. K.	000000116560
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0083-0087	
USE OF THE METHOD OF MOIRE BANDS FOR SOLVING	
PROBLEMS OF PLANE STEADY-STATE FLOW	
BISI 16451	#
GUN, G. YA.	000000116561
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//	
00/00/1977, V----, N0007, PP 0088-0091	
CALCULATION OF THE TEMPERATURE FIELDS DURING	
PLANE PRESSING	

BISI 16452	#	
CHELYUSTKIN, A. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0092-0096 CONTROLLABILITY OF THE STRIP TEMPERATURE VARIATION PROCESS ON A WIDE STRIP MILL. REPORT 2 BISI 16453	#	000000116562
KUCHERAEV, B. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0097-0100 USE OF POTENTIAL SPEED FIELDS FOR MODELLING THE FLOW OF A COMPRESSIBLE MEDIUM BISI 16454	#	000000121932
ODINOKOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0101-0103 PROBLEM OF THE DEFORMATION OF A CONTINUOUSLY CAST SLAB IMMEDIATELY DOWNSTREAM OF THE MOULD *BISI 16455	#	000000117317
DENISOV, P. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0112-0114 ASSESSMENT OF THE WORKABILITY OF TYPE A12 FREE-CUTTING STEEL BISI 16456	#	000000131468
FILIPPov, E. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0115-0124 FORMATION OF COMPOUNDS DURING QUANTIZATION OF THE VOLUME OF AN ATOM BISI 16457	#	000000131457
KULIKOV, N. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0125-0132 HAMILTONIAN MODEL IN THE THEORY OF TRANSITIONAL METALS *BISI 16458	#	000000117156
KULIKOV, N. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0125-0132 HAMILTONIAN MODEL IN THE THEORY OF TRANSITIONAL METALS BISI 16458	#	000000179734
VELIKODNYI, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0136-0138 MOSSBAUER ABSORPTION SPECTRUM OF FERRITE IN GREY CAST IRON BISI 16459	#	000000131464
ANTSEFEROV, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0143-0147 INFLUENCE OF ALLOYING ON FRACTURE TOUGHNESS OF SINTERED STEEL BISI 16460	#	000000131456

LEVI, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0155-0157 INFLUENCE OF MANGANESE ON THE NITROGEN CONTENT OF CAST IRON AND METHODS OF DETERMINING IT BISI 16461	#	000000131462
ORLOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0158-0160 ANALYZING RADIANT HEAT TRANSFER IN A CONTINUOUS REHEATING FURNACE, AS APPLIED TO A SELECTIVE NON-ISO THERMAL MEDIUM. REPORT 1. BISI 16462	#	000000131460
YEREMEYEV, Y. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, PP 0161-0165 METHOD OF CALCULATING BLIND RADIATION TUBES BISI 16463	#	000000131461
CHUIKO, N. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0007, 0071-0074 FORMATION OF CALCIUM CARBIDE IN THE SLAG OF AN ELECTRIC STEEL HEAT BISI 16449	#	000000116558
BALYAYEVA, YE. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0005-0008 MOTIVE FORCE IN THE SPREAD OF SILICATES OVER THE SURFACE OF LIQUID METAL. *BISI 16593	#	000000122232
RYSS, G. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0009-0012 EFFECT OF CLOSE ORDER ON THE FORMATION ENTHALPY OF LIQUID ALLOYS OF IRON WITH YTTRIUM. *BISI 16594	#	000000122233
UNKNOWN //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0018-0020 PHYSICAL PROPERTIES OF MOLTEN SYNTHETIC CAST IRON BISI 16596	#	000000141448
ZAMYATIN, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0018-0020 PHYSICAL PROPERTIES OF MOLTEN SYNTHETIC CAST IRON BISI 16596	#	000000168798
NOVIKOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0029-0031 KINETICS OF METAL DECARBURIZATION IN THE CASE OF INSUFFICIENCY OF OXYGEN IN THE GAS PHASE. COMMUNICATION 1. BISI 16597	#	000000141446
PUZANOV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA//		000000141445

00/00/1977,V----,N0008, PP 0032  
STRUCTURAL HETEROGENEITY OF FREE-FLOWING MEDIA  
BISI 16598 #

000000141444

ZAKHAROV, I. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0008, PP 0039-0042  
DIMENSIONS OF THE RACEWAY ZONES IN THE BLAST  
FURNACE. COMMUNICATION 2.  
BISI 16599 #

MEDZHIBOZHSKII, M. YA.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0008, PP 0043-0045  
EXPERIMENTAL RESEARCH INTO AND MATHEMATICAL  
MODELLING OF PROCESS OF SOLUTION OF STEEL SCRAP  
IN MOLTEN IRON-CARBON. REPORT 1  
BISI 16600 #

000000141443

FAINERMAN, V. B.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0008, PP 0050-0053  
HEAT AND MASS EXCHANGE PROCESS IN THE REACTION  
ZONE  
BISI 16601 #

000000141455

MARTYNOV, S. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0008, PP 0054-0058  
CHANGE IN THE PHYSICAL PROPERTIES OF MOLTEN  
CHROMIUM-NICKEL-MOLYBDENUM STEEL DURING THE  
SOLIDIFICATION OF LARGE FORGING INGOTS.  
\*BISI 16602 #

000000122240

LEL, R. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0008, PP 0077-0080  
FLATTENING OF THE ROLLS OF A TWO-HIGH MILL  
DURING ROLLING WITH TENSION AND LUBRICANTS  
BISI 16603 #

000000141454

PASHIN, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0008, PP 0081-0083  
DETERMINATION OF THE SIMILARITY CRITERIA OF THE  
DYNAMIC DRIVE PROCESSES ON CHAIN WIRE DRAWING  
MILL  
BISI 16604 #

000000141453

ALYUSHIN, YU. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0008, PP 0084-0087  
THE POSSIBILITIES OF UTILIZING NON-LINEAR  
MATHEMATICAL PROGRAMMING IN THE METHOD OF  
UPPER ASSESSMENT  
BISI 16605 #

000000141452

CHELYSHEV, N. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,N0008, PP 0088-0091  
VARIATION OF RESIDUAL STRESSES AND FINE STRUC-  
TURES IN RAILS WHEN REELING ON A RAIL-TESTING  
MACHINE.  
\*BISI 16606 #

000000122245

MAZUR, V. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0092-0096 EFFECT OF THE MICRORELIEF OF ROLLS AND ROLLED STOCK ON THE SUPPLY OF LUBRICANT TO THE DEFORMATION ZONE IN FOLLING COMMUNICATION 1 # BISI 16607	000000122253
MAZUR, V. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0092-0096 EFFECT OF THE MICRORELIEF OF ROLLS AND ROLLED STOCK ON THE SUPPLY OF LUBRICANT TO THE DEFORMATION ZONE IN ROLLING. COMMUNICATION 1. # BISI 16607	000000155205
EFIMOVA, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0097-0099 EFFECT OF DIAMOND SMOOTHING ON THE FINE CRYSTAL LINE STRUCTURE OF TYPE 45 STEEL # BISI 16608	000000141450
BOGACHEV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0103-0106 INVESTIGATION OF HOT SHORTNESS IN IRON-COPPER ALLOYS # BISI 16609	000000141451
BOIKOV, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0112-0114 RESEARCH INTO THE EFFECT OF THE KINETIC DUCTILITY OF THE R18 STEEL DURING THE MARTENSITE TRANSFORMATION # BISI 16610	000000141441
POMEL'NIKOVA, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0119-0122 RESEARCH INTO THE DISTRIBUTION OF ALLOYING ELEMENTS IN THE SURFACE LAYERS OF STAINLESS STEEL AFTER NON-OXIDIZING HEATING AND THERMAL PICKLING IN MOLTEN SODIUM-BORON-SILICATE SUBSTANCES # BISI 16611	000000141442
BADER, E. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0123-0126 CONTROL OF STRUCTURE IN MALLEABLE IRON BY ADJUSTMENT OF THE NITROGEN AND SULPHUR CONTENTS # BISI 16612	000000141423
KALININA, L. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0008, PP 0132-0132 EFFECT OF CHEMICAL COMPOSITION ON THE STRUCTURAL ANAMALOUSNESS OF SYNTHETIC MAGNESIUM IRON FOR ROLLING MILL ROLLS # BISI 16613	000000132077
SEMIKIN, YE. I.	000000122260

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0136-0140  
UNSTEADY TRANSFER IN A DENSE MOVING LAYER DURING  
STRAIGHT THROUGH GAS FILTRATION  
\*BISI 16614 #

000000155196

SEMIKIN, E. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0136-0140  
UNSTEADY TRANSFER IN A DENSE MOVING LAYER DURING  
STRAIGHT THROUGH GAS FILTRATION  
BISI 16614 #

000000141420

GOL'FARB, E. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0141-0142  
POTENTIAL EFFECTIVENESS OF OPTIMIZING THE RUNNING  
OF REHEATING FURNACES FROM THE FUEL CONSUMPTION  
BISI 16615 #

000000141421

VYKOV, I. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0147-0148  
FACTOR ANALYSIS OF INDIRECT MEASUREMENTS  
BISI 16616 #

000000141438

GOL'FARB, E. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0150-0153  
SELECTION OF COMPOSITE BLAST PARAMETERS WITH DUE  
REGARD TO SOME OF THE OPTIMIZATION CRITERIA  
BISI 16617 #

000000122264

AVDEYEV, V. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0157-0163  
OPTIMIZATION OF SCHEDULES OF ACTIVE CONTROL  
SYSTEMS  
\*BISI 16618 #

000000122265

DEGIYAREV, V. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0173-0175  
PRELIMINARY TENSION OF BELL WINCH CABLES  
\*BISI 16619 #

000000141419

SAFRONOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0176-0179  
DYNAMIC LOADS IN SCREW PAIRS OF SCREDDOWN DEVICES  
OF PRIMARY MILLS  
BISI 16620 #

000000122234

KHLYNOV, V. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0008, PP 0013-0017  
FLOW OF MELTS OVER SOLID  
SURFACES.  
\*BISI 16595 #

000000138304

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0009, PP 0009-0012  
EFFECT OF OXYGEN ON THE KINETICS OF NITROGEN

ABSORPTION OF LIQUID IRON BISI 16762	#	
MINAEV, YU. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0013-0016 SURFACE TENSION ON BINARY MELTS OF FE,CO,NI ON THE THEORY OF REGULAR SOLUTIONS BISI 16763	#	000000138307
BODAKIN, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0017-0019 ANOMALIES ON THE VISCOSITY POLYTHERMS OF METAL MELTS BISI 16764	#	000000138305
YANIKEEV, YE. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0059-0061 REACTIONS OF MOLTEN TITANIUM WITH CARBON-GRAFITE MOULDING MATERIALS PROTECTED BY CARBIDES. *BISI 16769	#	000000122037
ANIKEYEV, E. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0059-0061 REACTIONS OF MOLTEN TITANIUM WITH CARBON-GRAFITE MOULDING MATERIALS PROTECTED BY CARBIDES BISI 16769	#	000000179756
MEN'SHIKOV, YU. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0069-0073 IDENTIFICATION OF THE MOMENT OF PROCESSING RE SISTANCE ON A SHEET ROLLING MILL *BISI 16770	#	000000122038
MEN'SHIKOV, YU. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0069-0073 IDENTIFICATION OF THE MOMENT OF PROCESSING RESISTANCE ON A SHEET ROLLING MILL BISI 16770	#	000000138318
NIKOLAEV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0074-0078 INVESTIGATION OF THE EFFECT OF SCALE FACTOR ON FATIGUE LIMIT BISI 16771	#	000000138315
STATSENKO, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0092-0094 INVESTIGATION INTO RELIABILITY OF WORK ROLLS ON A 780 ROLLING MILL AT CHELYABINSK IRON AND STEEL WORKS BISI 16775	#	000000138320
RATAI, S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0095-0099 MODELLING THE PERFORMANCE OF A COMPLEX OF ROLLING	#	000000138317

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EILIPOV, E. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0009, PP 0100-0108 FORMATION OF A EUTECTIC WITH QUANTIFICATION OF THE VOLUME.		000000146035
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FILIPPOV, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0009, PP 0100-0108 FORMATION OF A EUTECTIC WITH QUANTIFICATION OF THE VOLUME		000000205897
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FOMICHEV, O. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0009, PP 0109-0112 FEATURES OF THE SOLIDIFICATION OF MONOVARIANT EUTECTICS IN THE TERNARY FE-C-B SYSTEM		000000150025
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KULIKOV, K. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0009, PP 0113-0118 MODEL HAMILTONIAN OF A TRANSITIONAL METAL, SELF CORRELATED CALCULATION METHOD		000000138303
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MOCHALIN, N. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0009, PP 0127-0131 STRUCTURE OF THE FISHEYES IN 35 KHN3MFA STEEL		000000146346
BISI 16780	#	
ZHLUKTENKO, E. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0009, PP 0136-0138 FEATURES OF THE DIFFUSION OF BORON DURING BORIDING		000000146270
BISI 16781	#	
ZHLUKTENKO, YE. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0009, PP 0136-0138 FEATURE OF THE DIFFUSION OF BORON DURING BORIDING		000000182342
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KIPER, L. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0009, PP 0145-0148 RESEARCH INTO THE LAWS FOR THE CONSTRAINED FILTRATION OF GAS THROUGH SAND CORES		000000133146
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LEVI, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0009, PP 0149-0152 EFFECTS OF ALLOYING ELEMENTS ON THE VISCOSITY OF MOLTEN NICKEL		000000122051
*BISI 16783	#	
LEVI, L. I.		000000179735

//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0149-0152 EFFECTS OF ALLOYING ELEMENTS ON THE VISCOSITY OF MOLTEN NICKEL BISI 16783	#	
SHCHELKANOV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0153-0156 LAWS FOR FORMULATING THE GEOMETRICAL CHARACTERISTICS OF A KINEMATIC GAS FLAME BISI 16784	#	000000138308
DERKACHEV, D. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0169-0171 EVALUATION OF THE STATE OF A BASIC OXYGEN FURNACE HEAT ON THE BASIS OF ADAPTIVE ALGORITHMS COMMUNI CATION 1. *BISI 16787	#	000000122055
SHCHERBAKOV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0172-0176 METHODS OF SYNTHESIS OF QUASI-OPEN CONTROL IN ASU OF STEELMAKING PROCESSES BISI 16788	#	000000133159
SHCHERBAKOV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0172-0176 METHODS OF SYNTHESIS OF QUASI-OPEN CONTROL IN ASU OF STEELMAKING PROCESSES BISI 16788	#	000000150023
VAN KHOA, NGUEN //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0177-0180 INVESTIGATION OF NON-DESTRUCTIVE METHODS OF DETER MINING THE POROSITY OF COMPACTS OF METAL POWDERS AND OF THE SINTERED ARTICLES *BISI 16789	#	000000122057
NGUEN VAN KHOA //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0177-0180 INVESTIGATION OF NON-DESTRUCTIVE METHODS OF DETERMINING THE POROSITY OF COMPACTS OF METAL POWDERS AND OF THE SINTERED ARTICLES BISI 16789	#	000000133163
NGUEN VAN KHOA //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, PP 0177-0180 INVESTIGATION OF NON-DESTRUCTIVE METHODS OF DETERMINING THE POROSITY OF COMPACTS OF METAL POWDERS AND OF THE SINTERED ARTICLES BISI 16789	#	000000150027
SEVERDENKO, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,NO009, 0079-0081 ANALYSIS OF THE STRESS STATE IN DRAWING TUBES WITH RADIAL VIBRATIONS	#	000000146343

BISI 16772	#	
KOSTYLEV, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0082-0084 DETERMINATION OF THE CONTACT PRESSURES BETWEEN THE SLEEVE AND AXLE OF A COMPOSITE MILL ROLL BISI 16773		000000138319
KILIKOV, A. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0089-0091 STRUCTURE AND PROPERTIES OF TUBULAR SEMI-PRODUCTS OBTAINED BY THE METHOD OF HELICAL ROLLING IN VACUUM BISI 16774		000000146344
ORLOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0161-0164 ANALYSIS OF THE RADIANT HEAT EXCHANGE IN A HEATING FURNACE IN SELECTIVE NON-ISOTHERMAL ATMOSPHERE CONDITIONS, REPORT 2 BISI 16785		000000138306
KAZANTSEV, E. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0165-0168 SELECTION OF THE OPTIMAL TEMPERATURE PROCEDURE FROM THE MINIMAL SCALE FORMATION BISI 16786		000000146347
MEDZHIBOZHSKII, M. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0009, 0181-0184 SELECTION OF THE ECONOMICALLY-OPTIMUM OXYGEN- CONVERTER BLOWING INTENSITY BISI 16790		000000146326
PETRUSHEVSKIY, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0005-0009 INVESTIGATIONS AND CALCULATIONS OF THE SOLUBILITY OF HYDROGEN IN MOLTEN FE-CO-NI ALLOYS BISI 16874		000000142426
GAVRILOV, S. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0015-0017 CERTAIN THERMOPHYSICAL PROPERTIES OF BLAST FURNACE SLAGS. BISI 16875		000000146009
KARAKASH, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0021-0023 VISCOSITY, SURFACE TENSION AND DENSITY OF SINTERING MELTS BISI 16876		000000142428
TURKENICH, D. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0027-0030 A THERMODYNAMIC MODEL USED FOR FORECASTING THE		000000124315

'ASSIMILATION OF A DEOXIDIZING ELEMENT *BISI 16877	#	
TURKENICH, D. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0027-0030 A THERMODYNAMIC MODEL USED FOR FORECASTING THE ASSIMILATION OF A DEOXIDIZING ELEMENT BISI 16877	#	000000171876
TURIISKIY, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0036-0037 EFFECT OF DESIGN OF BLOWING DEVICE ON LACING EFFICIENCY IN THE PRODUCTION OF STAINLESS STEEL IN ARC FURNACE. COMMUNICATION 3 BISI 16878	#	000000171871
POKHVISNEV, A. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0041-0045 AERODYNAMICS OF SINTERING IRON ORE-MIXES UNDER PRESSURE *BISI 15273	#	000000065196
KSAF'YAN, M. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0049-0053 INVESTIGATION OF THE CONTACT PRESSURES DURING THE COLD ROLLING OF SHEET WITH A TRANSVERSE SURFACE MICRORELIEF BISI 16879	#	000000171856
KOSHELENKO, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0054-0056 PLOTTING THE SPEED FIELDS VIA THE FLOW SURFACE FOR THREE-DIMENSIONAL METAL FLOW BISI 16880	#	000000142438
LEL', R. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0057-0060 PROBLEM OF THE LENGTH OF THE FLATTENED BITE ARC DURING ROLLING BISI 16881	#	000000142434
BERNSTEIN, M. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0061-0064 HIGH-TEMPERATURE MECHANICAL TREATMENT (HTMT) TECHNIQUE FOR THE PREPARATION OF MULTIPLE-ROLL MILL ROLLS BISI 16882	#	000000162137
CHELYSHEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0069-0072 CONTACT FATIGUE STRENGTH OF RAIL STEEL *BISI 16883	#	000000124321
CHELYSHEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0069-0072		000000223736

CONTACT FATIGUE STRENGTH OF RAIL STEEL BISI 16883	#	
STARICHENKO, D. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0076-0079 INVESTIGATION OF THE POWER PARAMETERS OF ROLLING BIMETAL SHEETS BISI 16885	#	000000171857
BOGATOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0083-0086 EXPERIMENTAL TESTING OF THE FRACTURE CONDITION IN VARIABLE-SIGN DEFORMATION BISI 16886	#	000000145994
SEREBRYAKOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0087-0090 RELIABILITY OF HYDRODYNAMIC INJECTION OF LUBRICANT IN TUBE DRAWING *BISI 16887	#	000000124325
SEREBRYAKOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0087-0090 RELIABILITY OF HYDRODYNAMIC INJECTION OF LUBRICANT IN TUBE DRAWING BISI 16887	#	000000162144
LIVSHITS, B. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0093-0096 EFFECTS OF AGEING ON THE ANNEALING TEXTURE IN SILICON IRON *BISI 16888	#	000000124326
LIVSHITS, B. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0093-0096 EFFECTS OF AGEING ON THE ANNEALING TEXTURE IN SILICON IRON BISI 16888	#	000000145956
KUROEDOV, YU. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0097-0099 INFLUENCE OF DIFFERENT METHODS OF SURFACE HARDENING ON POST-DEFORMATION RECOVERY PROCESSES IN SHKh15 STEEL. BISI 16889	#	000000124340
KUROYEDOV, YU. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0097-0099 INFLUENCE OF DIFFERENT METHODS OF SURFACE HARDENING OF POST DEFORMATION RECOVERY PROCESS IN SHKh 15 STEEL BISI 16889	#	000000162149
ZHUKOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0010, PP 0113-0116	#	000000124341

RADIOGRAPHIC RESEARCH INTO THE INITIAL STAGE OF  
THE THERMAL FATIGUE BREAKDOWN OF IRON.  
BISI 16890 #

000000171852

ZHUKOV, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0113-0116  
RADIOGRAPHIC RESEARCH INTO THE INITIAL STAGE  
OF THE THERMAL FATIGUE BREAKDOWN OF IRON  
BISI 16890 #

ERSHOVA, L. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0117-0120  
EFFECT OF LASER IRRADIATION ON THE STRUCTURE OF  
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BISI 16891 #

000000124342

ERSHOVA, L. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0117-0120  
THE EFFECT OF LASER IRRADIATION ON THE STRUCTURE  
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BISI 16891 #

000000162134

MOVCHAN, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0121-0126  
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000000124343

MOVCHAN, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0121-0126  
FORMATION OF PEARLITE FRINGES IN IRON CASTINGS  
BISI 16892 #

000000171853

FURMAN, E. L.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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000000124349

FURMAN, YE. L.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0127-0130  
KINETICS OF THE IMPREGNATION OF TUNGSTEN CARBIDE  
SPECIMENS WITH IRON-BASE ALLOYS  
BISI 16893 #

000000171855

LYUBCHENKO, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0136-0139  
MANNER IN WHICH AN INOCULATING AGENT IS ABSORBED  
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BISI 16894 #

000000124350

LYUBCHENKO, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0136-0139  
MANNER IN WHICH AN INOCULATING AGENT IS ADSORBED  
IN GRAPHITE  
BISI 16894 #

000000145969

CHERNOBROVKIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0144-0146 EFFECT OF TELLURIUM AND HYDROGEN ON THE TEMPERATURE OF CRYSTALLIZATION AND THE STRUCTURE OF CAST IRONS BISI 16895 #	000000124351
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TELEGIN, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0151-0153 RADIANT HEAT EXCHANGE IN THE ELECTRIC BELL-TYPE FURNACE BISI 16897 #	000000124353
TELEGIN, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0151-0153 RADIANT HEAT EXCHANGE IN THE ELECTRIC BELL TYPE FURNACE BISI 16897 #	000000150922
TELEGIN, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0151-0153 RADIANT HEAT EXCHANGE IN THE ELECTRIC BELL-TYPE FURNACE BISI 16897 #	000000152183
MERKER, E. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0158-0161 AUTOMATIC LOCATION OF THE METAL-SLAG BOUNDARY AND CONTROL OF THE POSITIONS OF OXYGEN LANCES IN OPEN-HEARTH FURNACES BISI 16898 #	000000124354
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SOLNTSEV, YU. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0162-0165 PROGRAMME REGULATION IN AN AUTOMATIC SYSTEM FOR CONTROLLING HEATS ON OPEN-HEARTH FURNACES BISI 16899 #	000000124355

SOLNTSEV, YU. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0162-0165 PROGRAMME REGULATION IN AN AUTOMATIC SYSTEM FOR CONTROLLING HEATS IN OPEN-HEARTH FURNACES BISI 16899	000000162156
GAVRILOV, B. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0166-0168 THE COMPLEX ASSESSMENT OF THE ELONGATION FACTOR OF METAL IN ROLLING BISI 16900	000000124356
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ZEL'TSER, S. R. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0169-0173 STRUCTURE OF INSTRUCTION SYSTEMS AS INCREASES TO THE WORKING CONDITIONS FOR PLANT IN SERVICE BISI 16901	000000124357
ZEL'TSER, S. R. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0169-0173 STRUCTURE OF INSTRUCTION SYSTEMS AS INCREASES TO THE WORKING CONDITIONS FOR PLANT IN SERVICE BISI 16901	000000171849
STOROZHIK, D. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0174-0178 CALCULATION OF FLANGED JOINTS OF BLAST-FURNACE EQUIPMENT WITH VARYING LOADS ON THE MIDDLE FLANGE BISI 16902	000000124358
STOROZHIK, D. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0174-0178 CALCULATION OF FLANGED JOINTS OF BLAST FURNACE EQUIPMENT WITH VARYING LOADS ON THE MIDDLE FLANGE BISI 16902	000000162152
TALMAZAN, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0179-0180 DETERMINATION OF THE COEFFICIENT OF FRICTION BE TWEEN LAPS OF A COIL AS IT IS TAKEN UP BY THE COILER MANDREL BISI 16903	000000124359
KLYUIKOV, S. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0010, PP 0181-0186 CALCULATION OF THE RIGIDITY OF ROLLING ROLLS GROOVED FOR COMPLEX SHAPED SECTIONS BISI 16904	000000124360
KLYUIKOV, S. F.	000000162138

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0010, PP 0181-0186  
CALCULATION OF THE RIGIDITY OF ROLLING ROLLS  
GROOVED FOR COMPLEX SHAPED SECTIONS  
BISI 16904 #

YAVOISKII, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0010-0014  
ACHIEVEMENTS IN STEEL PRODUCTION  
\*BISI 16986 #

YAVOYSKIY, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0010-0014  
ACHIEVEMENTS IN STEEL PRODUCTION  
BISI 16986 #

SHTREMEL, M. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0028-0032  
SOVIET PHYSICAL METALLURGY IN THE SIXTIETH  
JUBILEE YEAR  
NTC 79-11339-11F #

BAKAKIN, A. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0033-0037  
STOCHASTIC MODEL OF THE DECARBURIZING PROCESS  
COMMUNICATION 2  
\*BISI 16987 #

BAKAKIN, A. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0033-0037  
STOCHASTIC MODEL OF THE DECARBURIZING PROCESS  
BISI 16987 #

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0036-0041  
THE KINETIC BEHAVIOR PATTERN OF DENITRIDING  
OF A METAL BATH DURING ITS DECARBURIZATION  
\*BISI 16988 #

FILIPPOV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0038-0041  
THE KINETIC BEHAVIOR PATTERN OF DENITRIDING OF  
A METAL BATH DURING ITS DECARBURIZATION  
BISI 16988 #

TELKOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0046-0050  
THE HYDROGEN PERMEABILITY OF THIN NICKEL MEMBRANES  
\*BISI 16989 #

TELKOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0046-0050  
THE HYDROGEN PERMEABILITY OF THIN NICKEL MEMBRANES  
BISI 16989 #

TELKOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO011, PP 0046-0050  
THE HYDROGEN PERMEABILITY OF THIN NICKEL MEMBRANES  
BISI 16989 #

000000199460

ISAEV, E. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO011, PP 0051-0054  
CALCULATION OF THE SINTERING FORCES OF TWO  
PARTICLES UNDER THE INFLUENCE OF A LIQUID LAYER  
BETWEEN THEM.  
\*BISI 16990 #

000000142808

ISAYEV, YE. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO011, PP 0051-0054  
CALCULATION OF THE SINTERING FORCES OF TWO  
PARTICLES UNDER THE INFLUENCE OF A LIQUID LAYER  
BETWEEN THEM.  
BISI 16990 #

000000162151

BORISOV, V. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO011, PP 0059-0062  
DETERMINATION OF LIME QUALITY AND ITS INFLUENCE  
ON SINTERING-PROCESS INDICES  
\*BISI 16991 #

000000142809

BORISOV, V. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO011, PP 0059-0062  
DETERMINATION OF LIME QUALITY AND ITS INFLUENCE  
ON SINTERING-PROCESS INDICES  
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000000171838

KURUNOV, I. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO011, PP 0067-0070  
DETERMINATION OF THE ECONOMIC EFFECTIVENESS OF  
AN AUTOMATED CONTROL SYSTEM FOR BLAST-FURNACE  
OPERATION  
\*BISI 16992 #

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KURUNOV, I. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO011, PP 0067-0070  
DETERMINATION OF THE ECONOMIC EFFECTIVENESS OF AN  
AUTOMATED CONTROL SYSTEM FOR BLAST-FURNACE  
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BISI 16992 #

000000145395

TURKENICH, D. I.  
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00/00/1977,V----,NO011, PP 0076-0078  
A THERMODYNAMIC MODEL USED FOR FORECASTING THE  
ASSIMILATION OF A DEOXIDIZING ELEMENT. REPORT 2  
\*BISI 16993 #

000000142815

TURKENICH, D. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977,V----,NO011, PP 0076-0078  
A THERMODYNAMIC MODEL USED FOR FORECASTING THE  
ASSIMILATION OF A DEOXIDIZING ELEMENT. REPORT 2

000000171845

BISI 16993	#	
SHISHKIN, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0079-0081 THE EFFECT OF BASIC OXYGEN FURNACE SLAG ON THE MANGANESE MELTING LOSS DURING DEOXIDATION *BISI 16994	#	000000142794
SHISHKIN, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0079-0081 THE EFFECT OF BASIC OXYGEN FURNACE SLAG ON THE MANGANESE MELTING LOSS DURING DEOXIDATION BISI 16994	#	000000228915
RESHETNAYAK, I. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0082-0085 A MATHEMATICAL MODEL OF THE PROCESS OF SOLIDIFICATION OF INGOTS WITH DIFFERENT GEOMETRIES *BISI 16995	#	000000142795
RESHETNAYAK, I. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0082-0085 A MATHEMATICAL MODEL OF THE PROCESS OF SOLIDIFICATION OF INGOTS WITH DIFFERENT GEOMETRIES BISI 16995	#	000000199481
KUSHNIR, N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0086-0090 PROPERTIES OF MILD STEEL MELTED USING UNPROCESSED CHARGE MATERIALS *BISI 16996	#	000000142796
KUSHMIR, M. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0086-0090 PROPERTIES OF MILD STEEL MELTED USING UNPROCESSED CHARGE MATERIALS BISI 16996	#	000000151246
POLUKHIN, P. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0098-0101 INVESTIGATION OF PROCESSES OF PLASTIC DEFORMATION OF TUBULAR SEMIPRODUCTS OF REFRACRY METALS COMMUNICATION 1 *BISI 16997	#	000000142797
POLUKHIN, P. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0098-0101 INVESTIGATION OF PROCESS OF PLASTIC DEFORMATION OF TUBULAR SEMI-PRODUCTS OF REFRACRY METALS. BISI 16997	#	000000162133
VYDRIN, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0011, PP 0102-0105 PROBLEMS OF DEFORMATION DURING THE BITE ON THICK	#	000000142786

STRIPS *BISI 16998	#	
VYDRIN, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0102-0105 PROBLEMS OF DEFORMATION DURING THE BITE ON THICK STRIPS BISI 16998	#	000000171851
VORONTSOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0109-0113 SPEED FIELD DURING THE ROLLING OF A SQUARE STRIP IN AN OVAL PASS *BISI 16999	#	000000142787
VORONTSOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0109-0113 SPEED FIELD DURING THE ROLLING OF A SQUARE STRIP IN AN OVAL PASS BISI 16999	#	000000162140
MOKHRIMENKO, YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0114-0116 EXPERIMENTAL INSTALLATION FOR THE REVERSE EXTRUSION OF HOLLOW ARTICLES WITH BILATERAL ACTIVE FRICTION *BISI 17000	#	000000142788
OKHRIMENKO, YA. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0114-0116 EXPERIMENTAL INSTALLATION FOR THE REVERSE EXTRUSION OF HOLLOW ARTICLES WITH BILATERAL ACTIVE FRICTION BISI 17000	#	000000190164
OKHRIMENKO, YA. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0120-0123 POSSIBILITY OF DRAWING HOLLOW BILLETS ON A MANDRELL WITH LESS ELONGATION INHOMOGENEITY IN THE DEFORMATION ZONE. BISI 17001	#	000000146043
SINEL'NIKOV, YU I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0124-0127 CALCULATION OF THE MOMENTS DURING THE ROLLING OF COMPLEX ARBITRARY-SHAPE SECTIONS IN GROOVED PASSES. *BISI 17002	#	000000142790
SINEL'NIKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0124-0127 CALCULATION OF THE MOMENTS DURING THE ROLLING OF COMPLEX ARBITRARY-SHAPE SECTIONS IN GROOVED PASSES BISI 17002	#	000000151266

SINEL'NIKOV, YU. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0124-0127  
CALCULATING THE MOMENTS DURING ROLLING IN GAGES  
WITH COMPLEX PROFILES WITH AN ARBITRARY SHAPE  
12 PP  
DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO  
FTD-IDIRSIIT-0066-79

000000153766

KAPLANOV, G. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0128-0132  
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\*BISI 17003

000000142791

KAPLANOV, G. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0128-0132  
SOLUTION TO THE PROBLEM OF THE THERMAL  
CONDUCTIVITY OF THE ROLL DURING ROLLING  
BISI 17003

000000145963

PAPCHENKO, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0137-0141  
INFLUENCE OF HOT-ROLLING CONDITIONS ON THE  
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\*BISI 17004

000000142780

PAPCHENKO, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0137-0141  
INFLUENCE OF HOT-ROLLING CONDITIONS ON THE  
PROPERTIES OF NORMALIZED 16G-2AF-TYPE STEEL  
BISI 17004

000000145961

KOLIKOV, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0142-0145  
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METALS. COMMUNICATION 1  
\*BISI 17005

000000142781

KOLIKOV, A. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0142-0145  
QUALITY OF TUBULAR SEMIPRODUCTS FROM REFRACORY  
METALS. COMMUNICATION 1  
BISI 17005

000000171830

FILIPPov, E. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0146-0154  
SURFACE TENSION AND ABSORPTION ON THE BASIS  
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\*BISI 17006

000000142782

FILIPPov, E. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V----, N0011, PP 0146-0154  
SURFACE TENSION AND ABSORPTION ON THE BASIS OF  
THE QUANTUM VOLUME  
BISI 17006

000000145957

AVRAAMOV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0155-0159 SPECIAL FEATURES OF CHANGE IN THE PHYSICAL PROPERTIES OF AN FE ALLOY CONTAINING 14.5 MO DURING AGEING *BISI 17007 #	000000142783
AVRAYAMOV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0155-0159 SPECIAL FEATURES OF CHANGES IN THE PHYSICAL PROPERTIES OF AN FE ALLOY CONTAINING 14. MO DURING AGEING BISI 17007 #	000000171834
SHPITSBERG, A. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0166-0169 STUDY OF THE COMPLEX ALLOYED MARTENSITE AGING STEELS ON THE FERROCHROMONICKEL BASE 6 PP DUO COPYRIGHT INFO REFER OTHERS TO FTD/STINFO FTD-ID(RS)T-1418-78 #	000000138632
ANDREYEV, YU. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0170-0172 REGULATING THE RATE OF DIFFUSIONAL SATURATION OF STEEL WITH SILICON AND ALUMINIUM DURING THE ELECTROLYSIS OF MOLTEN SALTS *BISI 17008 #	000000142784
ANDREYEV, YU. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0170-0172 REGULATING THE RATE OF DIFFUSIONAL SATURATION OF STEEL WITH SILICON AND ALUMINIUM DURING THE ELECTROLYSIS OF MOLTEN SALTS BISI 17008 #	000000171818
BIL'CHENKO, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0173-0176 SOME OF THE LAWS FOR THE FORMATION OF DIFFUSION LAYERS DURING THE NITRIDING OF KH28 STEEL *BISI 17009 #	000000142785
BIL'CHENKO, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0173-0176 SOME OF THE LAWS FOR THE FORMATION OF DIFFUSION LAYERS DURING THE NITRIDING OF KH28 STEEL BISI 17009 #	000000171837
BOCHKOV, N. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0177-0180 INVESTIGATION OF THE EFFECT OF MANGANESE ADDITIONS ON THE TEXTURE, STRUCTURE AND PROPERTIES OF AN ALLOYED TRANSFORMER STEEL *BISI 17010 #	000000142774
BOCHLOV, N. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA//	000000171831

00/00/1977,V----,N0011, PP 0177-0180 INVESTIGATION OF THE EFFECT OF MANGANESE ADDITIONS ON THE TEXTURE, STRUCTURE AND PROPERTIES OF UNALLOYED TRANSFORMER STEEL BISI 17010	#	000000142775
SABEL'NIKOV, A. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0181-0183 DETERMINATION OF THE CRITICAL THERMAL-STRESS STATE OF MATERIAL DURING RAPID HEATING *BISI 17011	#	000000171817
SABEL'NIKOV, A. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, PP 0181-0183 DETERMINATION OF THE CRITICAL THERMAL-STRESS STATE OF MATERIAL DURING RAPID HEATING BISI 17011	#	000000142789
MOKHRIMENKO YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0011, 0120-0123 POSSIBILITY OF DRAWING HOLLOW BILLETS ON A MANDEL WITH LESS ELONGATION INHOMOGENEITY IN THE DEFORMATION-ZONE *BISI	#	000000151540
KRASAVTSEV, N. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0005-0009 SOME ASPECTS OF THE THERMODYNAMICS OF THE REDUCTION OF IRON FROM OXIDES. COMMUNICATION 1. BISI 17119	#	000000152974
KRASAVTSEV, N. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0005-0009 SOME ASPECTS OF THE THERMODYNAMICS OF THE REDUCTION OF IRON FROM OXIDES. COMMUNICATION 1 BISI 17119	#	000000146780
TOKOVOI, O. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0010-0014 INVESTIGATION AND SELECTION OF SOLID ELECTROLYTES ON THE BASIS OF ZRO FOR DETERMINING THE ACTIVITY OF OXYGEN IN STEEL BY THE E.M.F. METHOD *BISI 17120	#	000000151256
TOKOVI, O. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0010-0014 INVESTIGATION AND SELECTION OF SOLID ELECTROLYTES ON THE BASIS OF ZRO2 FOR DETERMINING THE ACTIVITY OF OXYGEN IN STEEL BY THE E.M.F. METHOD BISI 17120	#	000000146781
POVOLOTSKIY, D. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,N----,N0012, PP 0015-0017 THE USE OF MOLYBDENUM AND CHROMIUM OXIDES AS REFERENCE ELECTRODES IN HIGH-TEMPERATURE ACTIVITY METERS		

*BISI 17121	#	
POVOLOTSKIY, D. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0015-0017 THE USE OF MOLYBDENUM AND CHROMIUM OXIDES AS REFERENCE ELECTRODES IN HIGH-TEMPERATURE ACTIVITY METERS BISI 17121	#	000000151282
KHRUSHCHEV, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0018-0020 KINETIC EQUATION FOR THE RECOVERY OF METALS FROM THEIR OXIDES *BISI 17122	#	000000146782
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PLYSHEVSKIY, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0021-0023 KINETICS OF THE RECOVERY OF CHROMIUM OXIDES FROM SLAGS BY CARBON DISSOLVED IN IRON *BISI 17123	#	000000146783
PLYSHEVSKIY, YA. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0021-0023 KINETICS OF THE RECOVERY OF CHROMIUM OXIDES FROM SLAGS BY CARBON DISSOLVED IN IRON BISI 17123	#	000000223862
BERONIKEV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0024-0027 THE VELOCITY AT WHICH GAS BUBBLES FLOAT OUT IN MOLTEN METALS AND SLAGS *BISI 17124	#	000000146784
SHAKIROV, K. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0027-0032 CRITERIA, DETERMINING THE SCHEDULES OF HETEROGENEOUS REACTIONS IN THE FLOWLINE BISI 17125	#	000000151253
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MAKSIMOV, YE. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0033-0036 CONTROL OF MOVEMENT OF MATERIAL IN A SHAFT FURNACE BY THE GAS STREAM	#	000000151283

BISI 17126	#	
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MEEZHIBOZHSKIY, M. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0046-0052 EXPERIMENTAL RESEARCH INTO, AND MATHEMATICAL MODELLING, OF THE SOLUTION OF STEEL SCRAP IN MOLTEN IRON-CARBON BISI 17127	#	000000223865
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SHCEKALEV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0057-0060 DETERMINING THE INTER-PHASE AREA OF SURFACE BETWEEN REACTING PHASES WHEN A JET OF GAS ENTERS A LIQUID *BISI 17128	#	000000146788
CHERNOV, B. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0066-0068 AN INVESTIGATION OF THE SPREAD OF SLAGS ON THE SURFACE OF SOLID STEEL *BISI 17129	#	000000146789
CHERNOV, B. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0066-0068 AN INVESTIGATION OF THE SPREAD OF SLAGS ON THE SURFACE OF SOLID STEEL BISI 17129	#	000000223756
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BOGATOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0077-0082 REFINEMENT OF THE PROCEDURE FOR CALCULATING THE LIMITING DEFORMATIONS DURING NON-MONOTONIC DEFORMATION BISI 17131	#	000000223759

POLUKHIN, P. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0083-0086 INVESTIGATION OF THE PROCESSES OF PLASTIC FORMING OF TUBULAR SEMIPRODUCTS FROM REFRACTORY METALS COMMUNICATION 2. BISI 17132	000000223748
KOLMOGOROV, G. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0096-0099 EFFECT OF THE FRICTION CONDITIONS ON THE STRESS- STRAIN STATE OF BILLETS IN PLANE UPSETTING BISI 17133	000000151263
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SMIRNOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0103-0108 DEFORMATION AND POWER AND FORCE PARAMETERS DURING THE ROLLING OF A RECTANGULAR STRIP IN PLANE ROLLS. REPORT 1. BISI 17135	000000145953
ZIGALO, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0114-0117 CHANGES IN PROPERTIES AND DISTRIBUTION OF ELEMENTS BETWEEN PHASES DURING TEMPERING OF LOW-ALLOY STEEL INNOVULATED WITH RARE EARTH ELEMENTS. BISI 17136	000000151273
ZEMSKIY, S. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0118-0122 EFFECTS OF MANGANESE ON THE DIFFUSION AND THERMODYNAMIC ACTIVITY OF SULPHUR IN IRON BISI 17137	000000223758
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SEMIKIN, E. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0140-0145 UNSTEADY HEAT EXCHANGE IN A MOVING PACKED BED WITH COUNTER-CURRENT GAS PERCOLATION BISI 17139	000000223750
ROSLIK, YE. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977,V----,N0012, PP 0146-0148 OPTIMUM CONTROL OF GAS PRESSURE IN CHAMBER OF A CONVEYOR FURNACE UNDER A STEADY REGIME	000000151272

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EGOROV, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0012, PP 0157-0160 SELECTION OF THE ACCELERATION AND RETARDATION TIMES FOR MECHANISMS OPERATING UNDER REPEATED BRIEF OPERATIONS CONDITIONS. REPORT 1.		000000152976
BISI 17143	#	
SEREБRYAKOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V----, N0004, PP 0055-0058 INVESTIGATION OF THE WARPING OF TUBES WHEN DRAWING ON A FIXED MANDREL		000000108370
BISI 16051	#	
KOSHELEV, S. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0001, N----, PP 0026-0029 SPECIAL FEATURES OF SILICON REDUCTION IN BLAST FURNACES OF LARGE AND SMALL VOLUME *BISI 15668		000000077555
BISI 15668	#	
VYDRIN, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0002, N0001, PP 0075-0076 DEFORMATION SPEED CONDITIONS DURING ROLLING IN MULTIPLE-ROLL PASSES 8 PP BLID 5828.4F(25558)		000000236245
BLID 5828.4F(25558)	#	
BRINZA, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0002, N0001, PP 0120-0123 STATE OF THE SYSTEM OPERATOR-ROLLING MILL 11 PP BLID 5828.4F(25559)		000000236246
BLID 5828.4F(25559)	#	
LISYENKO, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0004, N----, PP 0106-0111 A METAL HEATING PROBLEM SOLVED BY THE NODAL METHOD		000000108184
A METAL HEATING PROBLEM SOLVED BY THE NODAL METHOD	#	

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SUL'MAN, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0004, N----, PP 0139-0143 DEVELOPMENT OF RESEARCH SYSTEMS WITHIN THE COMPOSITION OF LARGE CP ACS. *BISI 16064	#	000000108280
OSINOVSKIKH, L. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, THERMAL DIFFUSIVITY AND CONDUCTIVITY OF BLAST FURNACE SLAGS *BISI 16134	#	000000205984
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DERYABIN, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0025-0028 ATTRACTION OF SINTERING MIX PARTICLES BY LAYERS OF IRON SILICATE METLS. *BISI 16132	#	000000108247
DOZOROV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0041-0044 MATHEMATICAL DESCRIPTION AND CONTROL ALGORITHM OF A BASIC OXYGEN FURNACE HEAT. *BISI 16136	#	000000108249
MELIK-SHAHKNAZAROV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0050-0054 DEVELOPMENT OF AN ALGORITHM FOR THE SOLIDIFICATION OF A CONTINUOUS INGOT IN CONTINUOUS BILLET CASTING MACHINES. *BISI 16137	#	000000108250
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V0005, N----, PP 0084-0087  
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\*BISI 16143

000000108254

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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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00/00/1977, V0005, N----, PP 0098-0100  
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000000105366

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//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1977, V0005, N----, PP 0106-0112  
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00/00/1977, V0005, N----, PP 0113-0116  
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\*BISI 16147

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00/00/1977, V0005, N----, PP 0117-0119 THE DISTORTION OF A ROLL, MOVED IN THE ROLLING PERIOD BISI 16148	#	000000105370
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MINTS, R. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0135-0137 INVESTIGATION OF THE STATE OF MOSSBAUER ATOMS OF IRON IN A DEFORMED IRON-MANGANESE ALLOY BISI 16150	#	000000108261
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POTAPOV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0142-0144 SHORT TERM CREEP OF 38KHN3MFA STEEL AND VT-L4 ALLOYS BISI 16151	#	000000105373
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MEDVEDEV, YA. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0152-0156 METHOD OF DETERMINING THE RATES OF GAS EVOLU TION FROM FOUNDRY MOULDS BISI 16153	#	000000108264

CHUVIKIN, N. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0157-0160 IDENTIFICATION OF CONVECTIVE-DIFFUSION SYSTEMS BISI 16154	#	000000105375
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BLINOV, K. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0005, N----, PP 0161-0163 INVESTIGATION OF GAS STREAMS WITH SUPERSONIC DISCHARGE. COMMUNICATION 2 BISI 16155	#	000000105376
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ZHLUKTENKO, E. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0009, N----, PP 0136-0138 FEATURES OF THE DIFFUSION OF BORON DURING BRODING BISI 16781	#	000000228964
BERONIKOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0012, N----, PP 0024-0027 THE VELOCITY AT WHICH GAS BUBBLES FLOAT OUT IN MOLTEN METALS AND SLAGS BISI 17124	#	000000223761
MAZUR, V. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0012, N----, PP 0072-0076 EFFECTS OF THE ROLL AND STRIP MICRO-PROFILES ON THE ACCESS OF LUBRICANT TO THE DEFORMATION ZONE DURING ROLLING BISI 17130	#	000000150928

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FILIPPOV, E. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0020, N0001, PP 0127-0133 CONDITIONS UNDER WHICH GROUPINGS FORM AND ARE STABILIZED IN MOLTEN METAL 18 PP BLDD 5828.4F(25560) #	000000237260
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ORLOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1977, V0020, N0001, PP 0166-0168 ERRORS IN DETERMINING THE ABSORPTIVITY OF A FLAME BY THE SCHMIDT METHOD BISI 15685 #	000000237273
MEDIKOV, V. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/11/1977, V----, N0004, PP 0163-0165 IMPROVEMENT OF PRODUCTION ORGANISATION IN THE CONTINUOUS FURNACES ROLLING MILL DEPARTMENT BISI 16067 #	000000190219
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/P0/1978, V----, N0007, PP 0073-0075 REFINING OF NON-POTENTIAL BASIC SOLUTIONS IN PROBLEMS OF THE THEORY OF METAL PRESSURE WORKING BISI 17903 #	000000228656

KOROTEVA, P. R. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0068-0071 BALANCE OF NITROGEN WITH MELTING WELDING WIRE STEELS IN 5T ARC FURNACES BISI 17412	#	000000155192
NIKIFOROV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0060-0062 POWER PARAMETERS OF THE PROCESS OF ULTRASONIC FORGING OF TAPE WITH MICRON DIMENSIONS BISI 17834	#	000000160947
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SVESHKOV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N1007, PP 0038-0041 PHASE COMPOSITION AND WETTABILITY OF ALUMINOSILICATE NON-METALLIC INCLUSIONS BY MOLTEN STEELS BISI 18900	#	000000228671
SHEVAKIN, YU. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N----, PP 0061-0066 STRESS-STRAIN STATE OF THE METAL DURING DRAWING BISI 18065	#	000000267969
KAPUSTIN, E. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0005-0008 KINETICS AND MECHANISM FEATURES OF THE REDUCTION OF IRON OXIDES BY NATURAL GAS. BISI 17226	#	000000146016
PAVLOV, YU. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0009-0012 THE INFLUENCE OF ADDITIONS OF CU2O, PBO AND FE2O ON THE KINETICS OF THE REDUCTION OF MOO3 BY CARBON UNDER NON ISOTHERMIC CONDITIONS PART 2 BISI 17227	#	000000146015
BYKHOVSKII, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0017-0020 EFFECT OF POLARIZATION ON THE SPREAD OF CHALCOGENS OVER IRON IN MOLTEN SALTS. BISI 17228	#	000000145999
BORISOV, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0021-0024 RELATION BETWEEN SINTERING INDICES FOR A SINGLE MIX AND THE INITIAL AIR PERCOLATION VELOCITY BISI 17229	#	000000146007

VOLGAI, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0029-0031 RELATIONSHIP BETWEEN MAGNETIC CHARACTERISTICS AND STRENGHT OF IRON-ORE PELLETS. BISI 17230	#	000000146008
YAVIOSKIY, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0032-0037 THE INTERACTION BETWEEN DROPLETS OF AN IRON CARBON MELT WITH PULSATING FLOW OF OXIDIZING GAS. PART 2. BISI 17231	#	000000151187
YAVOISKIY, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0047-0050 APPARATUS FOR INVESTIGATING VACUUM METALLURGY PROCESSES BY HEATS CARRIED OUT WITHOUT A CRUCIBLE BISI 17233	#	000000228916
KOTESHOV, N. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0055-0058 RESEARCH INTO EFFECTS OF FORCED COOLING ON THE SOLIDIFICATION OF CYLINDRICAL CASTINGS. BISI 17234	#	000000146003
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KAZACHKOV, E. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0067-0069 CHANGES IN THE ENTHALPY OF CERTAIN STEELS AT HIGH TEMPERATURES BISI 17236	#	000000145983
ANIKEEV, E. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0070-0072 ABSORPTION OF REFRACTORU METALS ON THE SURFACE OF GRAPHITE. BISI 17237	#	000000145987
GUN, YA. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0073-0077 MATHEMATICAL DESCRIPTION OF THE METAL FLOW DURING THE ROLLING OF A COMPLEX SHAPE SECTION. BISI 17238	#	000000146030
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0001, PP 0078-0082 REFINEMENT OF THE MATHEMATICAL MODEL FOR THE PRESSING OF COMPLEX CONFIGURATION SECTIONS BISI 17239	#	000000190165

KOSHEVOI, A. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0093-0087 MATHEMATICAL MODEL OF THE NON-STATIC INTER-STAND DEFORMATION PROCESS DURING HOT ROLLING. BISI 17240	#	000000146031
VORONOTSOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0091-0093 QUESTION OF DETERMINING THE STRESSES IN THE PLANE OF SYMMETRY DURING THREE DIMENSIONAL FLOW. BISI 17241	#	000000146032
VORONTSOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0091-0093 QUESTION OF DETERMINING THE STRESSES IN THE PLANE OF SYMMETRY DURING THREE-DIMENSIONAL FLOW *BISI 17241	#	000000212515
GETIYA, I. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0094-0098 STRESSED STATE DURING THE CROSS ROLLING OF HOLLOW BODIES WITHOUT A MANDREL BISI 17242	#	000000151255
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BYKADOROV, A. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0106-0108 EFFECT OF VACUM PLASTIC DEFORMATION ON THE STRUCTURE OF 40KH AND 40 STEELS BISI 17244	#	000000151251
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KOLOKOV, A. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0113-0116 QUALITY OF TUBULAR SEMIPRODUCTS FROM REFRACTORY METALS BISI 17245	#	000000223745
ALEKSANDROVICH, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0124-0127 CONTROL OF THE PROCESS OF ROLLING BIMETAL MATERIALS FROM POWDERS BISI 17246	#	000000150927
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//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0132-0134 CALCULATION OF THE PROFILE OF THE WORKING TOOL OF A MILL FOR COLD-ROLLING TUBES BISI 17247	#	
FFILIPPOV, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0140-0148 THEORY OF DIFFUSION BASED ON QUANTIZED ATOM VOLUME BISI 17248	#	000000156612
KNIZHNICK, E. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0149-0152 USE OF A THERMOMAGNETIC FIELD DURING TWO-STAGE THERMOMAGNETIC TREATMENT OF YUNDK40T8-TYPE ALLOYS BISI 17249	#	000000152184
KHOROSHAILOV, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0161-0164 CALCULATING THE SATURATION OF STEEL WITH CARBON IN CONTROLLED ATMOSPHERES UNDER CARBURIZATION CONDITIONS BISI 17250	#	000000223760
DUBININ, G. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0165-0167 ALUMINIUM-COATING OF THE MAGNETICALLY HARD YUNDK24 ALLOY BISI 17251	#	000000155200
STAVISYUK, G. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0177-0179 INFLUENCE OF STRESS CONCENTRATIONS OF THE PROPERTIES OF HIGH MANGANESE STEEL CASTINGS BISI 17252	#	000000150918
ZAKHAROV, G. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0180-0183 OPTIMIZING METAL HEATING IN CONTINUOUS FURNACES IN TIME WITH THE HEATING PROCESS. COMMUNICATION 1/ *BISI 17253	#	000000137649
MAKOVASKII, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0184-0186 PRINCIPLES OF THE CONSTRUCTION OF AN ADAPTIVE DIGITAL DYNAMIC MODEL OF THE BLAST-FURNACE PROCESS BISI 17254	#	000000151534
ZAKHAROV G. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO001, PP 0180-0183 OPTIMIZING METAL HEATING IN CONTINUOUS FURNACES IN TIME WITH THE HEATING PROCESS BISI 17253	#	000000155130

NOVIKOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0005-0008 KINETICS OF THE REMOVAL OF CARBON FROM A METAL WHERE THERE IS INSUFFICIENT OXYGEN IN THE GASEOUS PHASE. REPORT 2 *BISI 17317	000000155161
NOVIKOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0005-0008 KINETICS OF THE REMOVAL OF CARBON FROM A METAL WHERE THERE IS INSUFFICIENT OXYGEN *BISI 17317	000000225194
KRASAVTSEV, N. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0014-0017 SOME ASPECTS OF THE THERMODYNAMICS OF THE REDUCTION OF IRON FROM OXIDES. PART 2 *BISI 17318	000000225195
BURYLEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0018-0020 THERMODYNAMICS OF DILUTE SOLUTIONS OF GERMANIUM IN BINARY MELTS WITH METALS OF THE IRON GROUP *BISI 17319	000000142654
BURYLEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0018-0020 THERMODYNAMICS OF DILUTE SOLUTIONS OF GERMANIUM IN BINARY MELTS WITH METALS OF THE IRON GROUP *BISI 17319	000000225196
KITAEV, B. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0025-0028 INVESTIGATION OF TEMPERATURE FIELDS IN MAGNITOGORSK-COMBINE (MMK) BLAST FURNACES *BISI 17320	000000225197
TARANOV, YE. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0035-0038 MODELING THE PROCESS OF REFINING STEEL WITH MOLTEN SYNTHETIC SLAG IN THE LAUNDER OF A STEELMAKING FURNACE *BISI 17321	000000142657
TARANOV, YE. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0035-0038 MODELLING THE PROCESS OF REFINING STEEL WITH MOLTEN SYNTHETIC SLAG IN THE LAUNDER OF A STEELMELTING FURNACE *BISI 17321	000000225198
GRISHCHENKO, S. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0043-0048 AN INVESTIGATION OF THE NON-METALLIC PHASE IN NITROGENISED ALLOYS OF THE FE-MN-V SYSTEM	000000142658

*BISI 17322	#	
GRISHCHENKO, S. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0043-0048 AN INVESTIGATION OF THE NON-METALLIC PHASE IN NITROGENISED ALLOYS OF THE FE-MN-V SYSTEM *BISI 17322	#	000000225199
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0055-0058 MATHEMATICAL DESCRIPTION OF METAL FLOW WHEN ROLLING SECTIONS OF COMPLEX SHAPE *BISI 17323	#	000000142659
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0055-0058 MATHEMATICAL DESCRIPTION OF METAL FLOW WHEN ROLLING SECTIONS OF COMPLEX SHAPE. COMMUNICATION 2 *BISI 17323	#	000000225200
BOGATOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0062-0065 REGENERATION OF THE PLASTICITY RESERVE WITH ANNEALING AFTER COLD WORKING *BISI 17324	#	000000142660
BOGATOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0062-0065 REGENERATION OF THE PLASTICITY RESERVE WITH ANNEALING AFTER COLD WORKING BISI 17324	#	000000155219
BOGATOV, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0062-0065 REGENERATION OF THE PLASTICITY RESERVE WITH ANNEALING AFTER COLD WORKING *BISI 17324	#	000000225201
NIKOLEAV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0066-0069 ROLLING TORQUES IN ASYMMETRICAL FRICTIONAL CONDITIONS *BISI 17325	#	000000142656
NIKOLAEV, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0066-0069 ROLLING TORQUES IN ASYMMETRICAL FRICTIONAL CONDITIONS *BISI 17325	#	000000225202
CHEL'SHEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0074-0078 SPECIAL FEATURES OF THE HOT ROLLING OF SHEETS USING A SILICATE MELT *BISI 17326	#	000000142661

CHEL'SHEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0074-0078 SPECIAL FEATURES OF THE HOT ROLLING OF SHEETS USING A SILICATE MELT BISI 17326	000000151559
CHEL'SHEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0074-0078 SPECIAL FEATURES OF THE HOT ROLLING OF SHEETS USING A SILICATE MELT *BISI 17326	000000225203
SAF'YAN, M. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0083-0086 DIFFUSION OF PLASTIC DEFORMATION OVER THE WIDTH OF THE STRIP DURING ROLLING IN CONTINUOUS WIDE STRIP MILL STANDS *BISI 17327	000000142662
SAF'YAN, M. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0083-0086 DIFFUSION OF PLASTIC DEFORMATION OVER THE WIDTH OF THE STRIP DURING ROLLING THE CONTINUOUS WIDE STRIP MILL STANDS WITH VERTICAL ROLLS BISI 17327	000000155195
SAF'YAN, M. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0083-0086 DIFFUSION OF PLASTIC DEFORMATION OVER THE WIDTH OF THE STRIP DURING ROLLING IN CONTINUOUS WIDE STRIP MILL STANDS WITH VERTICAL ROLLS *BISI 17327	000000225204
ANTIMONOV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0087-0090 DESIGNING TRANSITIONS WHEN DRAWING THICK-WALLED TUBES ON A SELF-ALIGNING MANDREL. BISI 17328	000000146500
ANTIMONOV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0087-0090 DESIGNING TRANSITIONS WHEN DRAWING THICK-WALLED TUBES ON A SELF-ALIGNING MANDREL BISI 17328	000000155190
ANTIMONOV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0087-0090 DESIGNING TRANSITIONS WHEN DRAWING THICK-WALLED TUBES ON A SELF-ALIGNING MANDREL *BISI 17328	000000225205
SINEL'NIKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0091-0095 THE NEUTRAL LINE OF A PASS. *BISI 17329	000000146501

SINEL'NIKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0091-0095 THE NEUTRAL LINE OF A PASS. COMMUNICATION 1. BISI 17329	000000155178
SINEL'NIKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0091-0095 THE NEUTRAL LINE OF A PASS. COMMUNICATION 1 *BISI 17329	000000225206
GADALOV, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0096-0098 INFLUENCE OF HEAT TREATMENT ON INTERNAL FRICTION OF CAST NICKEL-CHROMIUM BASE ALLOY. *BISI 17330	000000146502
GADALOV, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0096-0098 INFLUENCE OF HEAT TREATMENT ON INTERNAL FRICTION OF CAST NICKEL-CHROMIUM BASE ALLOY *BISI 17330	000000225207
APAEV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0099-0102 MAGNETOMETRIC RESEARCH INTO THE PHASE CHANGES IN UNSTABLE FE-NI-C SYSTEM BASE AUSTENITIC ALLOY. *BISI 17331	000000146503
APAEV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0099-0102 MAGNETOMETRIC RESEARCH INTO THE PHASE CHANGES IN UNSTABLE FE-NI-C SYSTEM BASE AUSTENITIC ALLOYS BISI 17331	000000151547
APAEV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0099-0102 MAGNETOMETRIC RESEARCH INTO THE PHASE CHANGES IN UNSTABLE FE-NI-C SYSTEM BASE AUSTENITIC ALLOYS BISI 17331	000000165118
APAEV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0099-0102 MAGNETOMETRIC RESEARCH INTO THE PHASE CHANGES IN UNSTABLE FE-NI-C SYSTEM BASE AUSTENITIC ALLOYS *BISI 17331	000000225208
LYAKHOVICH, L. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0103-0105 THE RESISTANCE OF CASE-HARDENED CHROMIUM STEELS TO ABRASIVE WEAR *BISI 17332	000000225209
MISHCHENKO, L. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0002, PP 0110-0112	000000146505

INVESTIGATION OF CHANGES IN STRUCTURE AND TYPES  
OF FRACTURE IN 15KH1M1F STEEL DURING CREEP  
\*BISI 17333 #

MISHCHENKO, L. D.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0002, PP 0110-0112  
INVESTIGATION OF CHANGES IN STRUCTURE AND TYPES  
OF FRACTURE IN 15KH1M1F STEEL DURING CREEP  
\*BISI 17333 #

000000225210

SOLODIKHIN, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0002, PP 0117-0119  
TWINNING DURING ANNEALING, IN 79NM ALLOY MELTED  
BY DIFFERENT METHODS.  
\*BISI 17334 #

000000146506

SOLODIKHIN, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0002, PP 0117-0119  
TWINNING DURING ANNEALING, IN 79NM ALLOY MELTED BY  
DIFFERENT METHODS  
BISI 17334 #

000000155144

SOLODIKHIN, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0002, PP 0117-0119  
TWINNING DURING ANNEALING, IN 79NM ALLOY MELTED BY  
DIFFERENT METHODS  
\*BISI 17334 #

000000225211

KOTESHOV, N. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0002, PP 0120-0123  
DETERMINING THE CONVECTION CURRENTS IN THE  
MOLTEN CORES OF SOLIDIFYING CASTINGS.  
\*BISI 17335 #

000000146493

KOTESHOV, N. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0002, PP 0120-0123  
DETERMINING THE CONVECTION CURRENTS IN THE  
MOLTEN CORES OF SOLIDIFYING CASTINGS  
BISI 17335 #

000000151550

KOTESHOV, N. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0002, PP 0120-0123  
DETERMINING THE CONVECTION CURRENTS IN THE  
MOLTEN CORES OF SOLIDIFYING CASTINGS  
\*BISI 17335 #

000000225212

CHURKIN, B. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0002, PP 0124-0128  
THE HYDRODYNAMIC PROCESSES TAKING PLACE WHEN  
MOULDS ARE FILLED BY THE VACUUM SUCTION METHODS.  
\*BISI 17336 #

000000146494

CHURKIN, B. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0002, PP 0124-0128  
THE HYDRODYNAMIC PROCESSES TAKING PLACE WHEN

000000155210

MOULDS ARE FILLED BY THE VACUUM SUCTION METHOD BISI 17336	#	
CHURKIN, B. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO002, PP 0124-0128 THE HYDRODYNAMIC PROCESSES TAKING PLACE WH N MOULDS ARE FILLED BY THE VACUUM SUCTION METHOD *BISI 17336	#	000000225213
MEDZHIBOZHISKII, M. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO002, PP 0141-0143 CALCULATION MONITORING OF PIG-IRON COMPOSITION IN AN OPEN-HEARTH SHOP MIXER *BISI 17337	#	000000146495
MEDZHIBOZHISKII, M. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO002, PP 0141-0143 CALCULATION MONITORING OF PIG-IRON COMPOSITION IN AN OPEN-HEARTH SHOP MIXER *BISI 17337	#	000000225214
KULAKOV, S. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO002, PP 0144-0148 FROMING STANDARDS INFORMATION IN THE OPERATIONAL PLANNING SYSTEM *BISI 17338	#	000000146496
KULAKOV, S. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO002, PP 0144-0148 FORMING STANDARDS INFORMATION IN THE OPERATIONAL-PLANNING SYSTEM *BISI 17338	#	000000225215
PETRUKHIN, M. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO002, PP 0149-0153 TWO-STEP CONTROL OF CYCLIC PROCESSES. *BISI 17339	#	000000146497
PETRUKHIN, M. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO002, PP 0149-0153 TWO-STEP CONTROL OF CYCLIC PROCESSES BISI 17339	#	000000155156
PETRUKHIN, M. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO002, PP 0149-0153 TWO-STEP CONTROL OF CYCLIC PROCESSES *BISI 17339	#	000000225216
DUBOVIK, V. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO002, PP 0154-0156 CONSTRUCTING A FUNCTIONAL MODEL OF A MIXER *BISI 17340	#	000000225217
DUBOVIK, V. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA//		000000146498

00/00/1978,V----,N0002, PP 0154-0159  
CONSTRUCTING A FUNCTIONAL MODEL OF A MIXER.  
\*BISI 17340 #

000000146499

EGOROV, V. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0157-0159  
SELECTIONN OF ACCELERATION AND DECELERATION TIMES  
FOR SHORT-REPEAT-ACTION MECHANISMS.  
\*BISI 17341 #

EGOROV, V. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0157-0159  
SELECTION OF ACCELERATION AND DECELERATION TIMES  
FOR SHORT-REPEAT-ACTION MECHANISMS  
BISI 17341 #

000000151548

EGOROV, V. F.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0157-0159  
SELECTION OF ACCELERATION AND DECELERATION  
TIMES FOR SHORT-REPEAT ACTION MECHANISMS  
BISI 17341 #

000000165119

KOROLEV, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0160-0166  
EFFICIENCY AND DEFORMATION CAPACITY OF THE METAL  
DURING ASYMMETRIC ROLLING.  
\*BISI 17342 #

000000146486

KOROLEV, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0160-0166  
EFFICIENCY AND DEFORMATION CAPACITY OF THE METAL  
DURING ASYMMETRIC ROLLING  
BISI 17342 #

000000151564

LEKHOV, O. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0167-0171  
INTERACTION DYNAMICS OF THE STAND DRIVES THROUGH  
THE ROLLED METAL ON CONTINUOUS BILLET MILLS.  
\*BISI 17343 #

000000146487

LEKHOV, O. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0167-0171  
INTERACTION DYNAMICS OF THE STAND DRIVES THROUGH  
THE ROLLED METAL OF CONTINUOUS BILLET MILLS  
BISI 17343 #

000000155204

SUKHOSTAT, S. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0183-0185  
INTENSIFICATION OF UTILIZATION OF METAL-CUTTING  
EQUIPMENT IN ANCILLARY PRODUCTION IN THE IRON AND  
STEEL INDUSTRY.  
\*BISI 17344 #

000000146488

SUKHOSTAT, S. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0002, PP 0183-0185

000000155149

INTENSIFICATION OF UTILIZATION OF METAL-CUTTING  
EQUIPMENT IN ANCILLARY PRODUCTION IN THE IRON AND  
STEEL INDUSTRY  
BISI 17344 #

SOTSKOV, A. D.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0003, PP 0005-0008  
STUDY OF THE HYTERESIS OF WETTING BY THE  
CAPILLARY  
RAISING METHOD  
BISI 17401 #

000000155171

SOTSKOV, A. D.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0003, PP 0005-0008  
STUDY OF THE HYTERESIS CHARACTERISTICS OF WETTING  
BY THE CAPILLARY RAISING METHOD.  
\*BISI 17401 #

000000162529

LOTOSHCH, V. E.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0003, PP 0009-0011  
ADHESION OF THE PARTICLES IN AN ORE-CEMENT CHARGE  
DURING THE INITIAL SOLIDIFICATION  
BISI 17402 #

000000155175

LOTOSHCH, V. E.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0003, PP 0009-0011  
ADHESION OF THE PARTICLES IN AN ORE-CEMENT CHARGE  
DURING THE INITIAL SOLIDIFICATION.  
\*BISI 17402 #

000000162530

VOITKOVSKI, YU. B.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0003, PP 0012-0014  
STUDY OF THE KINETICS OF SOLID-PHASE REACTION IN  
THE FE203-NIO SYSTEM WITH THE AID OF THE MOSSBAUER  
EFFECT  
BISI 17403 #

000000155177

VOITKOVSKI, YU. B.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0003, PP 0012-0014  
STUDY OF THE KINETIC OF SOLID-PHASE REACTION  
IN THE FE203-NIO SYSTEM WITH THE ADI OF THE  
MOSSBAUER EFFECT  
\*BISI 17403 #

000000162531

KOSHELEV, S. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0003, PP 0019-0022  
SPECIAL FEATURES OF SILICON REDUCTION IN BLAST  
FURNACES OF LARGE AND SMALL VOLUME.  
\*BISI 17404 #

000000162532

MAKOVSKIY, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978, V----, N0003, PP 0023-0026  
PRINCIPLES OF THE CONSTRUCTION OF AN ADAPTIVE  
DIGITAL DYNAMIC MODEL OF THE BLAST FURNACE  
PROCESS. COMMUNICATION  
BISI 17405 #

000000156584

MAKOVSKIY, V. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0023-0026 PRINCIPLES OF THE CONSTRUCTION OF AN ADAPTIVE DIGITAL DYNAMIC MODEL OF THE BLAST-FURNACE PROCESS *BISI 17405 #	000000162533
CHUMAKOV, B. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0042-0046 MODELING AN EXTREME CONTROL SYSTEM FOR THE "MOVING MASS" OF METAL IN A CIRCULATION CHAMBER BISI 17406 #	000000155193
CHUMAKOV, B. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0042-0046 MODELLING AN EXTREME CONTROL SYSTEM FOR THE "MOVING MASS" OF METAL IN A CIRCULATION CHAMBER. *BISI 17406 #	000000162535
KAZACHKOV, YE. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0047-0049 MEASUREMENT OF HEAT LOSSES TO THE SURROUNDING MEDIUM DURING THE SOLIDIFICATION OF INGOTS BISI 17407 #	000000156589
KAZACHKOV, E. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0047-0049 MEASUREMENT DO HEAT LOSSES TO THE SURROUNDING MEDIUM DURING THE SOLIDIFICATION OF INGOTS. *BISI 17407 #	000000162536
URBANOVICH, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0050-0053 AN INVESTIGATION OF THE SOLIDIFICATION OF A CONTINUOUSLY CAST STRAND USING A MATHEMATICAL MODEL TAKING ACCOUNT OF LOCAL NON-UNIFORMITY OF COOLING *BISI 17408 #	000000162537
URBANOVITCH, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0054-0053 AN INVESTIGATION OF THE SOLIDIFICATION OF A CONTINUOUSLY CAST STRAND USING A MATHEMATICAL MODE TAKING ACCOUNT OF LOCAL NON-UNIFORMITY OF COOLING BISI 17408 #	000000155215
RUDOI, L. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0054-0057 FRICTION BETWEEN THE STRAND AND THE MOULD WALL AND THE RATE OF CONTINUOUS CASTING BISI 17409 #	000000155141
RUDOI, L. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0054-0057 FRICTION BETWEEN THE STRAND AND THE MOULD WALL AND THE RATE OF SONTINUOUS CASTING,	000000162538

*BISI 17409	#	
MORGUNOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0058-0060 AN EXAMINATION OF THE ZONE OF EXTRA-AXIAL HETEROGENEITY IN KILLED STEEL INGOTS BISI 17410	#	000000155185
MORGUNOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0058-0060 AN EXAMINATION OF THE ZONE OF EXTRA-AXIAL HETEROGENEITY IN KILLED STEEL INGOTS.	#	000000162539
*BISI 17410	#	
ZHUCHKOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0064-0067 STUDY OF THE PHYSICAL AND MECHANICAL CHARACTERISTICS OF FERROSILICON AND THE PARAMETERS OF POURING IT BY THE SUSPENSION METHOD BISI 17411	#	000000155183
ZHUCHKOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0064-0067 STUDY OF THE PHYSICAL AND MECHANICAL CHARACTERISTICS OF FERROSILICON AND THE PARAMETERS OF POURING IT BY THE SUSPENSION METHOD	#	000000162540
*BISI 17411	#	
KUCHERYAEV, B. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0072-0074 CALCULATION OF THE DEFORMATION KINEMATICS OF COMPOSITE MEDIA. BISI 17413	#	000000155446
KUCHERYAEV, B. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0072-0074 CALCULATION OF THE DEFORMATION KINEMATICS OF COMPOSITE MEDIA. REPORT 1	#	000000225084
*BISI 17413	#	
PORINAYA, Z. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0075-0078 EXPERIMENTAL-THEORETICAL METHOD OF DETERMINING DEFORMATION SPEEDS. BISI 17414	#	000000155445
PORINAYA, Z. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0075-0078 EXPERIMENTAL-THEORETICAL METHOD OF DETERMINING DEFORMATION SPEEDS	#	000000225085
*BISI 17414	#	
NOVIKOV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0086-0089 USE OF THE INCOMPRESSIBILITY CONDITION IN MOIRE		000000155172

COORDINATE GRID METHODS BISI 17415	#	
NOVIKOV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0086-0089 USE OF THE INCOMPRESSIBILITY CONDITION IN MOIRE AND COORDINATE GRID METHODS *BISI 17415	#	000000225086
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0090-0093 EFFECT OF THE MECHANICAL PROPERTIES OF A MATERIAL ON THE KINEMATIC PLASTIC FLOW PARAMETERS DURING PLANE DEFORMATION EXTRUSION *BISI 17416	#	000000225087
ZHIRAVLEV, A. Z. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0094-0096 FLOWING AND DEFORMATION ON FIELD OF SLIP LINES IN PLASTIC FLOW. BISI 17417	#	000000155444
ZHIRAVLEV, A. Z. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0094-0096 FLOWLINE AND DEFORMATION IN FIELD SLIP LINES IN PLASTIC FLOW *BISI 17417	#	000000225088
KOSTAREV, I. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0101-0103 USE OF DIGITAL COMPUTER FOR ANALYSING THE PROCESS OF FREE FLOW OF METALL INTO DIE GROOVE. BISI 17418	#	000000155463
KOSTAREV, I. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0101-0103 USE OF A DIGITAL COMPUTER FOR ANALYSING THE PROCESS OF FREE FLOW OF METAL INTO DIE GROOVES *BISI 17418	#	000000225089
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0104-0106 MODELLING THE FLOW OF METAL IN AXISYMMETRICAL EXTRUSION. BISI 17419	#	000000155453
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0104-0106 MODELLING THE FLOW OF METAL IN AXISYMMETRICAL EXTRUSION *BISI 17419	#	000000225090
GALKIN, D. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0111-0114 INVESTIGATION OF THE STRESSES BEFORE ENTERING THE	#	000000225077

ROLLS WITH UNEQUAL DEFORMATION OF THE SHEET OVER THE WIDTH *BISI 17420	#	000000156595
MUGALIMOV, R. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0119-0122 SYSTEMATIC APPROACH TO THE PROBLEM OF OPTIMUM CONTROL OF A UNIVERSAL ROLLING MILL BISI 17421	#	
FILIPPOV, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0123-0130 RESEARCH INTO VOLUME QUANTIZATION BISI 17422	#	000000156620
FILIPPOV, E. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0123-0130 RESEARCH INTO VOLUME QUANTIZATION *BISI 17422	#	000000162534
KHOROSHAILOV, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0140-0143 KINETICS OF SATURATION OF STEEL WITH CARBON AND NITROGEN DURING LOW-TEMPERATURE CARBONITRIDING *BISI 17424	#	000000225079
LEVI, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0148-0152 THE CONNECTION BETWEEN SOME OF THE PROPERTIES OF BINARY NICKEL ALLOYS IN THE SOLID AND LIQUID STATES *BISI 17425	#	000000225080
LEVI, L. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0148-0153 THE CONNECTION BETWEEN SOME OF THE PROPERTIES OF BINARY NICKEL ALLOYS IN THE SOLID AND LIQUID STATES BISI 17425	#	000000193256
KIRIL'TSEV, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0153-0157 MEASURING THE VELOCITY HEAD IN TURBULENT JETS BISI 17426	#	000000155174
KIRIL'TSEV, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0153-0157 MEASURING THE VELOCITY HEAD IN TURBULENT JETS *BISI 17426	#	000000225081
MINAEV, A. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0003, PP 0161-0163 INVESTIGATION OF THE HEAT EXCHANGE PROCESS IN FREE-FIRED BATCH-TYPE REHEATING FURNACES *BISI 17427	#	000000225082

BROVKIN, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO003, PP 0164-0168 CALCULATION OF THE TEMPERATURE FIELDS IN CARBON STEELS *BISI 17428	#	000000156603
BROVKIN, L. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO003, PP 0164-0168 CALCULATION OF THE TEMPERATURE FIELDS IN CARBON STEELS *BISI 17428	#	000000225083
ZAKHAROV, G. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO003, PP 0169-0173 OPTIMAL METAL HEATING CONTROL IN CONTINUOUS FURNACES IN RHYTHM WITH THE REHEATING PROCESS REPORT 2 *BISI 17429	#	000000162581
BOGAENKO, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO003, PP 0178-0182 USE OF D-OPTIMAL DESIGN FOR CONSTRUCTING A LINEAR REGRESSION IN A COMPLICATED REGION OF DESIGN ACTION *BISI 17430	#	000000162582
D'YACKO, A. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO003, PP 0183-0185 MODELLING THE PRODUCTION PROGRAMME OF A METALLURGICAL WORKS. BISI 17431	#	000000155442
D'YACKO, A. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO003, PP 0183-0185 MODELLING THE PRODUCTION PROGRAMME OF A METALLURGICAL WORKS *BISI 17431	#	000000162583
MUGALIMOV, R. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO003, 0119-0122 SYSTEMATIC, APPROACH TO THE PROBLEM OF OPTIMUM CONTROL OF A UNIVERSAL ROLLING MILL *BISI 17421	#	000000225078
POVOLOTSKII, D. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0005-0007 APPLICATION OF MOLYBDENUM AND CHROMIUM OXIDES AS REFERENCE ELECTRODES IN HIGH TEMPERATURE ACTIVITY METERS. REPORT 2. BISI 17558	#	000000155176
PLYSHEVSKIY, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0011-0013 KINETICS OF THE REDUCTION OF CHROMIUM OXIDES FROM MOLTEN SLAG BY SOLID CARBON	#	000000212794

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KRUSHCHEV, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0004, PP 0018-0021 KINETICS AND MECHANISM OF THE REACTION BETWEEN MANGANESE OXIDES AND CARBON BISI 17561	#	000000156578
GRAFMAN, S. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0004, PP 0022-0025 EVALUATION OF THE STRENGTH OF IRON ORE PELLETS WITH THE USE OF THE ROZIN RAMMLER EQUATION BISI 17562	#	000000156582
IONOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0004, PP 0036-0039 ASSIMILATION OF OXYGEN FORM THE FURNACE AND THE INJECTED GAS BY THE OPEN HEARTH BATH BISI 17563	#	000000156586
TERSKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0004, PP 0049-0051 INVESTIGATION OF THE SOLUTION KINETICS OF FERROCHROMIUM IN IRON CAST IRON AND STEEL BISI 17564	#	000000155189
SMIRNOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0004, PP 0052-0055 SHAPING AND POWER PARAMETERS WHEN ROLLING RECTANGULAR STOCK IN SMOOTH ROLLS. COMMUNICATION 2. BISI 17565	#	000000151565
SINEL'NIKOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0004, PP 0059-0062 THE NEUTRAL LINE OF A PASS. COMMUNICATION 2. BISI 17566	#	000000156604
NIKIFOROV, B. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0004, PP 0063-0066 GEOMETRICAL PARAMETERS OF TAPE, OBTAINED BY ULTRASONIC FORGING. BISI 17567	#	000000155454
REZNIKOV, YU. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0004, PP 0072-0076 FLOW OF METAL WHEN FILLING A DIE CAVITY BISI 17568	#	000000155146
SFA'YAN, M. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0004, PP 0077-0080 ANALYTICAL INVESTIGATION OF TORQUE DISTRIBUTION BETWEEN ROLLS IN AN ASYMMETRICAL ROLLING PROCESS BISI 17569	#	000000155129

POLYAKOVA, K. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0081-0083 EFFECTS OF TRANSITIONAL ELEMENTS PRESENT IN MOLTEN METALS ON THEIR SPECIFIC ELECTRICAL RESISTANCES. BISI 17570	#	000000155449
TUSHINSKII, L. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0099-0101 INFLUENCE OF HOT WORKING SCHEDULE ON WORK HARDENING OF AUSTENITE IN STEEL 20 BISI 17571	#	000000155131
TARASKO, D. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0102-0104 SELECTION OF STEEL GRADES AND OPTIMAL HEAT PROCEDURES FOR EARTH DIGGING MACHINERY BLADES BISI 17572	#	000000155218
YEROFEYEV, N. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0105-0107 STRUCTURE OF CAST 110G13L STEEL BISI 17573	#	000000156641
DOSHCHECHKINA, I. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0108-0109 EFFECTIVENESS OF SULPHOCYANIDING COMPONENTS SUBJECTED TO FRICTION IN CONTACT WITH MOLTEN METAL BISI 17574	#	000000155211
SIMCHENKO, L. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0113-0118 THE EHERMAL AND THERMALLY STRESSED STATES IN THE MOULDS OF SEMI CONTINUOUS CASTING PLANT BISI 17575	#	000000156599
PARAMANOV, YA. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0119-0123 DETERMINING THE OPTIMUM PARAMETERS OF THE THERMAL CONDITIONS IN REHEATING FURNACES WITH THE METAL HEATED IN A CHAMBER BISI 17576	#	000000156614
ZOLOTAREV, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0127-0131 APPROXIMATE CALCULATION OF TEMPERATURES AND STRESSES WHEN UNIDEMENSIONAL OBJECTS ARE HEATED WITH A VARYING FLOW OF HEAT BISI 17577	#	000000156637
MELIKHOVA, Z. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0136-0140 A METHOD OF CONTROLLING HEATS IN OPEN-HEARTH FURNACES OPERATIVELY BISI 17578	#	000000155228

KARNYSHOV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0141-0144 STATIC MODEL FOR PLANNING DELIVERIES OF IRON ORE RAW MATERIAL BISI 17579	#	000000155226
RYABKOV, A. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0162-0165 CALCULATION OF THE STRESSED-DEFORMED STATE OF THE COMPLEX-CONFIGURATION FRAMES OF HOT ROLLING MILLS BISI 17584	#	000000155181
FEDOROV, M. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0166-0168 METHOD OF CALCULATING THE STRESSED-DEFORMED STATE OF PARALLEL-FLANGE H-BEAMS DURING STRAIGHTENING ON ROLLER STRAIGHTENING MACHINES BISI 17585	#	000000158491
FEDOV, M. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO004, PP 0166-0168 METHOD OF CALCULATING THE STRESSED-DEFORMED STATE OF PARALLEL-FLANGE H-BEAMS DURING STRAIGHTENING ON ROLLER STRAIGHTENING MACHINES BISI 17585	#	000000172708
OSITRIK, P. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO005, PP 0012-0016 FEATURES OF THE REDUCTION OF IRON OXIDES BY ACHESON GRAPHITE AND CHARCOAL BISI 17690	#	000000156579
YUSFIN, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO005, PP 0026-0029 INVESTIGATION OF SINTERING PROCESS KINETICS IN THE FE203-NiO SYSTEM BISI 17692	#	000000156594
KABAEV, D. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO005, PP 0035-0037 BEHAVIOUR OF PHOSPHORUS DURING THE PROCESSING OF CRUDE FERRO-NICKEL BISI 17693	#	000000156587
URAZGIL'DEEV, A. KH. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO005, PP 0041-0043 THEORY OF THE DEVELOPMENT OF OXIDIZING PROCESSES IN BOILING MULTI COMPONENT METALS CONTAINING CARBON BISI 17694	#	000000156577
ZHELKOV, D. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO005, PP 0052-0055 SELECTION OF THE OPTIMUM RATIO OF COMPONENTS OF	#	000000193266

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KUCHERYAEV, B. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0056-0059 THEORETICAL AND EXPERIMENTAL INVESTIGATION OF THE KINEMATIC PARAMETERS OF THE PROCESS OF ROLLING WITH SPREAD BISI 17696	#	000000156606
ODINOKOV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0060-0062 THEORETICAL INVESTIGATION OF THE DEFORMATION PROCESS OF SLABS IN A BENDING PASS BISI 17697	#	000000156613
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0063-0066 CONSTRUCTION OF THE KINEMATICALLY POSSIBLE RATE FIELDS IN SOLVING PROBLEMS OF EXTRUSION THEORY COMMUNICATION 2 BISI 17698	#	000000173543
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0063-0066 CONSTRUCTION OF THE KINEMATICALLY POSSIBLE RATE FIELDS IN SOLVING PROBLEMS OF EXTRUSION THEORY COMMUNICATION 2. BISI 17698	#	000000227810
PARASHIN, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0070-0073 DETERMINATION OF FORCES OF COLD VOLUMETRIC STAMPING BISI 17699	#	000000156598
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0085-0088 STOCHASTIC MODEL OF THE SYSTEM CONTINUOUS FURNACES-ROLLING MILL BISI 17700	#	000000155201
BRINZA, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0094-0097 ANALYSIS TO THE STATE OF THE SYSTEM OPERATOR ROLLING MILL BISI 17702	#	000000156605
MENYSHIKOV, YU. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0005, PP 0098-0100 FEATURES OF AN INVESTIGATION OF THE DYNAMICS OF THE MAIN LINE OF ROLLING MILLS BISI 17703	#	000000173538
MENYSHIKOV, YU. L.		000000227825

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BISI 17703 #

TYURIN, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO005, PP 0104-0107  
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SEMIPRODUCT  
BISI 17704 #

TYURIN, V. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO005, PP 0104-0107  
FEATURES OF THE FORGING OF A 3 POINT SEMIPRODUCT  
BISI 17704 #

TIMOFEEVA, L. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO005, PP 0113-0116  
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OF ALLOYS IN THE SOLID-LIQUID STATE.  
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ZHIKHAREV, A. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO005, PP 0117-0119  
INVESTIGATION OF GRAIN BOUNDARY RELAXATION IN  
IRON SILICON ALLOYS  
BISI 17707 #

VARENKOV, A. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO005, PP 0128-0131  
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THEIR METALLIC MATRIX  
BISI 17708 #

PRIKHOD'KO, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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PRIKHOD'KO, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO005, PP 0137-0142  
PROCEDURES FOR EVALUATING INTER-GRANULAR DAMAGE  
FROM THE ATTENUATION OF ULTRASONIC WAVES  
BISI 17710 #

ADAMOV, I. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO005, PP 0143-0146  
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CHEMICAL HETERO-GENEITY DURING SOLIDIFICATION  
BISI 17711 #

BEZRODNYI, M. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
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KLEBANOV, YU. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0005, PP 0162-0167 TEMPERATURE FIELD IN A MOVING STRIP HEATED BY A SURFACE SOURCE BISI 17713	#	000000173532
KLEBANOV, YU. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0005, PP 0162-0167 TEMPERATURE FIELD IN A MOVING STRIP HEATED BY A SURFACE SOURCE BISI 17713	#	000000227819
SHCHAPOV, G. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0005, PP 0168-0171 A METHOD OF CALCULATING THE TEMPERATURE OF METAL DURING HEATING FROM BOTH SIDES IN CONTINUOUS FURNACES BISI 17714	#	000000155220
SOLOMAKHIN, I. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0005, PP 0182-0185 IMPROVING THE EFFECTIVENESS OF THE SYSTEM OF INDUS CURRENT PLANNING OF PIG-IRON PRODUCTION BISI 17716	#	000000155217
PETRUSHEVSKIY, M. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0005-0008 CALCULATION OF THE ENTHAPIES OF FORMATION OF MOLTEN FE-CR-SI ALLOYS BISI 17828	#	000000277185
TARASOV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0012-0016 INVESTIGATION OF AERODYNAMICS AROUND THE PERIPHERY OF A THROAT MODEL IN RELATION TO CHARGE SIZE GRADING BISI 17829	#	000000160962
TARASOV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0012-0016 INVESTIGATION OF AERODYNAMICS AROUND THE PERIPHERY OF A THROAT MODEL IN RELATION TO CHARGE SIZE GRADING BISI 17829	#	000000300761
ABZALOV, V. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0019-0022 INVESTIGATION OF THE PHYSICAL PROPERTIES OF PELLETS FORM CONCENTRATES OF DIFFERENT ORE DEPOSITS BISI 17830	#	000000160911

KONOVALOV, R. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO006, PP 0040-0044 AN INVESTIGATION OF THE VISCOSITY OF SLAGS FORMED WHEN THE STEEL RIMS IN THE INGOT MOULD BISI 17832	#	000000160913
KLYUIKOV, S. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO006, PP 0049-0056 INVESTIGATION OF THE DISTRIBUTION OF FORCES AND DEFORMATION OVER THE WIDTH OF ROLLED PRODUCT BISI 17833	#	000000160946
POLYAKOV, M. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO006, PP 0063-0067 POWER AND TORQUE IN COLD ROLLING IN ULTI ROLL PASSES BISI 17835	#	000000160953
SOLOMICHENKO, N. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO006, PP 0070-0073 ANALYTICAL DETERMINATION OF METAL PRESSURE ON THE ROLLS IN TEMPER ROLLING. COMMUNICATION ONE. BISI 17836	#	000000160952
LAVANOV, A. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO006, PP 0074-0079 STAMPING FORCES AND CONDITIONS OF FILLING A CLOSED DIE WITH MOVEBALE CASE BISI 17837	#	000000160992
LEVANOV, YA. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO006, PP 0074-0079 STAMPING FORCES AND CONDITIONS OF FILLING A CLOSED DIE WITH MOVEBALE CASE BISI 17837	#	000000300791
MINTS, R. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO006, PP 0080-0083 MORPHOLOGY OF THE EUTECTICS AND ACCESSORY INCLUSIONS IN A LUNAR METALLIC FRAGMENT BISI 17838	#	000000184159
MINTS, R. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO006, PP 0080-0083 MORPHOLOGY OF THE EUTHRCTICS AND ACCESSORY INCLUSIONS IN A LUNAR METALLIC FRAGMENT BISI 17838	#	000000277196
NACHAYEV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO006, PP 0084-0089 ANOMALY OF THE DIFFUSION AND DECOMPOSITION PROCESS CHARACTERISTICS OF A SUPERSATURATED SOLID SOLUTION OF IRON IN ALUMINUM BISI 17839	#	000000160959

ZEYEMSKIY, S. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0099-0102 DIFFUSION OF CARBON IN IRON-TITANIUM ALLOYS BISI 17840	#	000000184152
ZEYEMSKIY, S. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0099-0102 DIFFUSION OF CARBON IN IRON-TITANIUM ALLOYS BISI 17840	#	000000277192
BYAKOVA, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0114-0116 COMPOSITION OF TITANIUM CARBIDE COATING ON THE SURFACE OF CARBON STEELS BISI 17842	#	000000277163
NOVIK, YA. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0121-0123 COMPARATIVE RESEARCH INTO STEELS FOR MOULDS FOR THE DIE CASTING OF COPPER ALLOYS BISI 17843	#	000000300777
STANOVSKIY, A. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0124-0127 NON DESTRUCTIVE INSPECTION OF SHEEL MOULDS FOR DESITY BISI 17844	#	000000160977
STANOVSKIY, YA. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0124-0127 NON-DESTRUCTIVE INSPECTION OF STEEL MOULDS FOR DENSITY BISI 17844	#	000000300776
VASHUKOV, I. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0128-0133 MECHANISM OF SOLUTION OF CARBON IN MOLTEN IRON AND IRON ALLOYS BISI 17845	#	000000160979
VASHUKOV, I. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0128-0133 MECHANISM OF SOLUTION OF CARBON IN MOLTEN IRON AND IRON ALLOYS BISI 17845	#	000000300792
SMOLYAKOVA, T. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0134-0137 FORMATION OF CARBIDES OF MAGNETIUM AND CERIUM IN HIGH STRENGTH IRONS BISI 17846	#	000000160968
SMOLYAKOVA, T. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0134-0137		000000300767

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GIMMEL'FARB, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0138-0141 DETERMINATION OF THE POWER OF EA GENERATORS FOR SHAFT FURNACES OPERATING WITHOUT A COKE BED BISI 17847	#	000000300772
GIMMEL'FARB, YA. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0138-0141 DETERMINATION OF THE POWER OF EA GENERATORS FOR SHAFT FURNACES OPERATING WITHOUT A COKE BED BISI 17847	#	000000300772
AVDEEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0142-0145 SPECIAL FEATURES OF THE IDENTIFICATION OF PROCESSES WITH THE USE OF PHYSICALLY LABELLED TEST ACTIONS BISI BISI 17848	#	000000160980
AVDEEV, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0142-0145 SPECIAL FEATURES OF THE IDENTIFICATION OF PROCESSES WITH THE USE OF PHYSICALLY LABELLED TEST ACTIONS BISI 17848	#	000000300779
KOCHETKOV, YE. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0151-0152 IMPROVED CONTROL SYSTEM FOR OPEN HEARTH FURNACE FLAME REVERSAL BISI 17849	#	000000160963
KOCHETKOV, YE. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0151-0152 IMPROVED CONTROL SYSTEM FOR OPEN HEARTH FURNACE FLAME REVERSAL BISI 17849	#	000000300762
DANIL'YANTS, L. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0153-0159 INVESTIGATION OF THE EFFECTIVENESS OF SMOOTHING ALGORITHMS FOR EXPERIMENTAL DATA BISI 17850	#	000000160987
DANIL'YANTS, L. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0153-0159 INVESTIGATION OF THE EFFECTIVENESS OF SMOOTHING ALGORITHMS FOR EXPERIMENTAL DATA BISI 17850	#	000000300786
RASCHUBKIN, V. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0006, PP 0160-0163		000000160998

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RASCHUBKIN, V. G.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0160-0163		000000300797
SELECTIVE METHOD OF AUTOMATIC CLASSIFICATION BISI 17851		#	
KALININ, A. P.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0164-0167		000000160989
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KALININ, YA. P.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0164-0167		000000300788
ADAPTATION OF CONNECTIONS OF THE CDEC WITH A TECHNOLOGICAL SYSTEM BISI 17852		#	
FEDROV, M. I.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0168-0170		000000184158
INVESTIGATION OF THE STRAIGHTENING CONDITIONS GIVING RISE TO A REDUCTION IN THE RESIDUAL STRESS LEVEL IN THREE- DIMENSIONALLY HARDENED RAIL BISI 17853		#	
KONOVALOV, L. A.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0173-0177		000000160984
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KONOVALOV, L. YA.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0173-0177		000000300783
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GRANKOVSKI, B. I.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0180-0183		000000160988
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GRANKOVSKIY, V. I.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0180-0183		000000300787
ASSESSMENT OF THE ECONOMIC BENEFIT OF A CONTINUOUS-STEEL-MAKING PROCESS BISI 17855		#	
VESELOV, N. G.	//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0006, PP 0184-0186		000000160997
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VESELOV, N. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, NO006, PP 0184-0186 USE OF QUANTITATIVE ASSESSMENT FOR MEASURING THE PARAMETERS OF MANAGEMENT ORGANIZATION STRUCTURES BISI 17856	#	000000300796
MANUKHIM, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, NO007, PP 0005-0008 INVESTIGATION OF THE ELECTRIC CONDUCTIVITIES OF FLUIDIZED REFRACTORY METAL OXIDE BEDS BISI 17894	#	000000176776
BODAKIN, N. E. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, NO007, PP 0009-0013 VISCOSITY OF FE-CO SYSTEM MELTS BISI 17895	#	000000176763
BAKAKIN, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, NO007, PP 0014-0017 PROBLEM OF CONTROLLING THE CARBON REMOVAL PROCESS BISI 17896	#	000000178435
YUSFIN, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, NO007, PP 0018-0020 SINTERING PROCESS IN THE SYSTEMS FE203-NiO BISI 17897	#	000000228668
BRATCHIKOV, S. G. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, NO007, PP 0025-0028 THERMOPHYSICAL PROPERTIES OF IRON-ORE PELLETS. COMMUNICATION 2 BISI 17898	#	000000178430
ZAVGORODNIJ, P. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, NO007, PP 0049-0052 CALCULATING THE DISTRIBUTION OF AN IMPURITY IN SOLIDIFYING MOLTEN METAL WITH NATURAL HEAT CONVECTION BISI 17901	#	000000228649
OGURTSOV, A. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, NO007, PP 0053-0056 ANALYTICAL DETERMINATION OF THE OPTIMUM DIMENSIONS OF AN INGOT FEEDER HEAD BISI 17893	#	000000163225
VORONTSOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, NO007, PP 0065-0072 TREATMENT OF DATA IN EXPERIMENTAL AND CALCULATION METHODS BISI 17902	#	000000163210

POTAPKIN, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0007, PP 0076-0079 METAL PLASTICITY RESOURCE IN THE HOT ROLLING OF STRIP BISI 17904	#	000000228653
BELEVICH, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0007, PP 0084-0087 DEFORMATION OF THE METAL IN CLOSED BEAM PASSES BISI 17905	#	000000228673
BLINOV, YU. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0007, PP 0088-0091 CONDITIONS GOVERNING THE ROTATION OF A SIMPLE SECTION IN A PASS BISI 17906	#	000000228657
ZHODAN, V. T. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0007, PP 0092-0095 EFFECT OF THE SHAPE OF THE INITIAL BILLET ON THE FILL OF A PERIODIC SECTION CONFIGURATION BISI 17907	#	000000178413
GUN, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0007, PP 0098-0101 MODELLING THE METAL FLOW DURING AXIALLY SYMMETRIC EXTRUSION BISI 17908	#	000000228674
KUCHERYAYEV, B. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0007, PP 0106-0108 ALLOWING FOR THE EFFECT OF LAYER INTERACTION ON THE KINEMATICS IN A DEFORMED MULTILAYER BODY BISI 17909	#	000000228654
POLUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0007, PP 0109-0113 CALCULATION OF STRESSES IN A COMPOSITE ROLL WHEN FITTING A BANDAGE WITH A CLEARANCE BISI 17910	#	000000178420
FILIPPov, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0007, PP 0114-0121 DIFFUSION AND VISCOSITY OF LIQUID METALS ON THE BASIS OF VOLUME QUANTIZATION BISI 17892	#	000000163203
NECHAYEV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0007, PP 0122-0126 STUDY OF THE DECOMPOSITION PROCESS OF A SUPERSATURATED SOLID SOLUTION OF IRON IN ALUMINIUM IN AD-1 ALLOY QUENCHED FROM 873 K IN AIR BISI 17911	#	000000190438
NOVIK, F. S.		000000228659

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO007, PP 0131-0136  
EXPERIMENT PLANNING IN RESEARCH INTO HEAT  
RESISTANT IRON, NICKEL, CHROMIUM, SILICON,  
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BISI 17912 #

000000190437

IL'IN, A. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO007, PP 0140-0143  
X-RAY INVESTIGATION OF STRESSES IN STEEL  
STRENGTHENED BY SURFACE FOLLING WITH ROLLERS  
BISI 17913 #

000000190437

MALYUTINA, E. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO007, PP 0148-0152  
EFFECTS OF THE INITIAL COMPOSITION OF AN FE-14.  
MO ALLOY ON ITS AGEING DURING ELECTRON IRRADIATION  
BISI 17914 #

000000190436

ASTSATUROV, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO007, PP 0162-0165  
INVESTIGATION OF HEAT EXCHANGE DURING JET HEATING  
OF BILLETS  
BISI 17915 #

000000228650

ZAITSEV, S. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO007, PP 0170-0174  
ANALYSIS AND SYNTHESES OF OPTIMUM STRUCTURE OF  
PROCESS LINES IN ROLLING PRACTICE. COMMUNICATION 1  
BISI 17916 #

000000228680

DOKUKIN, V. YU.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO007, PP 0180-0184  
MATHEMATICAL MODEL OF A GROUP OF THE MAIN SHOPS OF  
A TYPICAL METALLURGICAL WORKS  
BISI 17917 #

000000228692

KOSILOV, N. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO008, PP 0005-0009  
DENSITY OF IRON-NICKEL MELTS  
BISI 17985 #

000000206491

BORNATSKIY, I. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO008, PP 0032-0035  
AN INVESTIGAION OF THE SUPER COOOLING OF MOLTEN  
STEELS WITH MEASUREMENTS OF VISCOSITY  
BISI 17831 #

000000160915

SOLOMOICHENKO, N. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,NO008, PP 0061-0064  
ANALYTICAL DETERMINATION OF METAL PRESSURE ON THE  
ROLLS IN TEMPER ROLLING. COMMUNICATION 2.  
BISI 17990 #

000000178419

VYDRIN, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//

000000178418

00/00/1978,V----,N0008, PP 0065-0068  
BEHAVIOR OF STRIP ENDS IN ASYMMETRICAL PROCESS  
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BISI 17991 #

000000178482

LITOVCHEKO, N. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0008, PP 0068-0072  
ANALYTICAL DESCRIPTION OF GEOMETRICAL  
RELATIONSHIPS OF ELEMENTS OF FINISHING AND  
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BISI 17992 #

000000183746

LITOVCHEKO, N. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0008, PP 0069-0072  
ANALYTICAL DESCRIPTION OF GEOMETRICAL  
RELATIONSHIPS OF ELEMENTS OF FINISHING AND  
PRE-FINISHING BEAM PASSES  
BISI 17992 #

000000178423

RUTGAIZER, O. Z.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0008, PP 0080-0083  
OPTIMUM CONTROL OF STRIP TENSION CONTINUOUS HOT  
ROLLING MILLS  
BISI 17994 #

000000178434

MOROZENKO, V. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0008, PP 0084-0087  
STRESSES IN ELASTIC REGION OF DEFORMATION ZONE  
IN COLD DRAWING OF A ROUND SECTION  
BISI 17995 #

000000178424

VARYPAYEV, YE. S.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0008, PP 0091-0094  
EFFECT OF THERMAL FIXATION SCHEDULE ON  
CHARACTERISTICS OF ALLOY 42NKHTYU  
BISI 17996 #

000000206490

SHAPOVALOV, V. I.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0008, PP 0099-0101  
THE FORM OF EXISTENCE OF HYDROGEN IN IRON AND  
THE POSSIBILITY OF PROTON EMISSION FROM METALS  
BISI 17998 #

000000178476

PLYSHEVSKIY, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0008, PP 0112-0115  
CORROSION PROPERTIES OF FUSED SODIUM BORON SILICATE  
COATINGS FOR THE HEATING OF STEELS  
BISI 18000 #

000000183745

PLYSHEVSKIY, A. A.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0008, PP 0112-0115  
CORROSION PROPERTIES OF FUSED  
SODIUM-BORON-SILICATE COATINGS FOR THE  
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BISI 18000 #

YATSENKO, A. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO008, PP 0119-0122 SPECIAL FEATURES OF THE STRUCTURE OF THE E-PHASE IN INOCULATED FE-A1-C ALLOYS AFTER SOLIDIFICATION AND HEATING BISI 18001 #	000000176775
ANIKIN, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO008, PP 0123-0125 EXPERIMENTAL RESEARCH INTO DISTRIBUTION OF INOCULANT IN IRON INOCULATED WITH METALLIC YTTRIUM BISI 18002 #	000000178490
ANIKIN, A. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO008, PP 0123-0125 EXPERIMENTAL RESEARCH INTO DISTRIBUTION OF INOCULANT IN IRON INOCULATED WITH METALLIC YTTRIUM BISI 18002 #	000000183728
GOVOROV, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO008, PP 0137-0138 THE INFLUENCE OF SMELTING DUST ON THE COMBUSTION VELOCITY OF MIXTURES OF CONVERTER GASES WITH AIR BISI 18004 #	000000206469
KARNYSHOV, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO008, PP 0141-0143 MATHEMATICAL MODEL OF THE OPTIMIZATION OF STRIP MILL LOADING OVER A LIMITED TIME INTERVAL BISI 18005 #	000000178412
ROTANOVA, S. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO008, PP 0144-0147 CALCULATION OF THE OPTIMUM CHARGE FOR AN OPEN HEARTH HEAT OF STEEL BISI 18006 #	000000178499
ROTANOVA, S. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO008, PP 0144-0147 CALCULATION OF THE OPTIMUM CHARGE FOR AN OPEN-HEARTH HEAT OF STEEL BISI 18006 #	000000183750
MEDZHIBOZHSKIY, M. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO008, PP 0148-0152 MATCHING THE RATES OF METAL HEATING AND DECARBURIZATION IN THE FINISHING PERIOD ON 900 T OPEN-HEARTH FURNACE BISI 18007 #	000000178433
PHAIKO, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO008, PP 0166-0169 FRICTION FORCE MEMONET ON SHEET MILLS WITH BACK-UP	000000178479

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PHAIKO, YE. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0166-0169 FRICTION FORCE MOMENT ON SHEET MILLS WITH BACK-UP ROLLS BISI 18009	#	000000183742
KHAIKIN, B. YE //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0170-0173 CHOICE OF OPTIMAL RANGE FOR MASTERING A NEW ROLLING MILL BISI 18010	#	000000183743
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0178-0181 STRUCTURAL METHOD OF INVESTIGATING THE OPERATING DYNAMICS OF METALLURGICAL PRODUCTION SECTORS BISI 18011	#	000000178500
EL'KE, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0008, PP 0178-0181 STRUCTURAL METHOD OF INVESTIGATING THE OPERATING DYNAMICS OF METALLURGICAL PRODUCTION SECTORS BISI 18011	#	000000183751
POLYAKOVA, K. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0008-0011 VISCOSITY CHARACTERISTICS OF DILUTED METALLIC SOLUTIONS BISI 18058	#	000000193257
AKSENOVA, G. YA. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0012-0017 INVESTIGATION OF THE OXIDATION PROCESS OF MAGNETIT IN KOSTOMUKSH, IRON ORE CONCENTRATE BISI 18059	#	000000206391
VEGMAN, E. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0026-0030 MOVEMENT OF SINTER LONG THE INCLINED PLANE OF A FIXED SCREEN BISI 18060	#	000000267956
POPOV, A. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0031-0034 CONTINUOUS MEASUREMENT OF OXYGEN ACTIVITY IN METAL USING THE ELECTROMOTIVE FORCE (EMF) METHOD BISI 18061	#	000000268062
GOL'DFARB, YE. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0009, PP 0041-0044 RESEARCH INTO EXPULSION OF MATERIALS CARRIED OUT USING THE DYNAMIC PARAMETERS OF HEATS IN OXYGEN	#	000000206393

BLOWN CONVERTERS BISI 18062	#	
VORONTSOV, V. K. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO009, PP 0054-0055 METHOD OF DETERMINING STRESSES AND RUPTURE USING THE EULER-LAGRANGE CO-ORDINATES METHOD BISI 18063	#	000000206377
POLUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO009, PP 0057-0060 REPORT 1 ELASTIC DEFORMATIONS GIVEN BY VARIOUS ROLL PYRAMID CONFIGURATIONS ON A 20-ROLL MILL. BISI 18064	#	000000267997
POLUKHIN, V. P. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO009, PP 0057-0060 ELASTIC DEFORMATIONS GIVEN BY VARIOUS ROLL PYRAMID CONFIGURATIONS ON A 20-ROLL MILL REPORT 1 BISI 18064	#	000000267986
ZHELEZNOV, YU. D. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO009, PP 0070-0073 MEASUREMENT OF THE ANISOTROPY COEFFICIENT BY THE NON-DESTRUCTIVE METHOD BISI 18066	#	000000206369
POTAKPIN, V. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO009, PP 0074-0076 COMMUNICATION 2 PLASTICITY RESOURCE OF METAL IN THE HOT ROLLING OF STRIP BISI 18067	#	000000267998
ANAN'EV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO009, PP 0083-0087 COMMUNICATION 2 TEMPERATURE SCHEDULE OF ROLLING AND COOLING H BEAMS ON A UNIVERSAL BEAM MILL BISI 18068	#	000000267961
BONDAREV, M. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO009, PP 0088-0092 INVESTIGATION OF THE QUALITY OF TUBES OF REFRACTORY METALS BISI 18069	#	000000206382
POTAPOV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,NO009, PP 0093-0097 ANALYSIS OF THE DEFORMATION PROCESS IN HELICAL ROLLING BISI 18070	#	000000206379
OKHRIMENKO, YA. M.		000000206366

//IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0098-0102 CONTROLLING THE PROPERTIES OF EXTRUDED ARTICLES BISI 18071	#	000000267987
VAISBURD, R. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0103-0106 INVESTIGATION OF THE BEHAVIOUR PATTERNS OF OPTIMUM FRICTION IN THE UPSETTING OF AN ANNULAR SEMIPRODUCT BISI 18072	#	000000268064
GLUSHKO, M. F. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0107-0110 ELONGATION OF A TENSIONED WIRE DURING ELASTIC PLASTIC BENDING BISI 18073	#	000000268064
BEREZHNOI, V. L. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0111-0114 ASSESSMENT OF THE TECHNOLOGICAL POSSIBILITIES OF CONTINUOUS EXTRUSION BISI 18074	#	000000193260
NECHAEV, YU. S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0120-0124 SEGREGATIONS OF IMPURITIES AND VACANCIES IN REGIONS CLOSE TO DISLOCATIONS BISI 18075	#	000000268059
CHEKIN, V. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0125-0127 MOSSBAUER EXAMINATION OF THE INFLUENCE OF CEMENTITE ON THE OXIDATION OF SPONGE IRON BISI 18076	#	000000206383
ZYKOVA, R. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0148-0150 INVESTIGATION OF CARBIDE PRECIPITATES IN KHVG STEEL AND OF THEIR INFLUENCE ON STRENGTH BISI 18077	#	000000267982
VOL'FMAN, I. B. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0157-0159 STATISTICAL MODELS OF THE HEATING OF METAL AND VERIFICATION OF THEIR ADEQUACY BISI 18078	#	000000268061
ZAITSEV, S. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978,V----,N0009, PP 0172-0175 ANALYSIS AND SYNTHESIS OF OPTIMUM STRUCTURES OF PROCESS LINES IN ROLLING PRACTICE. COMMUNICATION 2. BISI 18080	#	000000268057
PETRUSHEVSKIY, M. S.		000000225785

//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0010, PP 0016-0019  
CALCULATION OF THE ACTIVITIES OF THE COMPONENTS  
IN LIQUID FE-CO-SI ALLOYS  
BISI 18112 #

ALEKSEYEV, N. P.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0010, PP 0040-0042  
ASSESSING THE INFLUENCE ON THE STRENGTH OF SINTER  
OF MICRO-STRUCTURAL STRESSES ARISING DURING ITS  
COOLING COMMUNICATION 2  
BISI 18113 #

GLOVATSKIY, A. B.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0010, PP 0046-0049  
MODELLING HYDRODYNAMIC PROCESSES FOR PIG IRON  
DESULPHURISATION OUTSIDE THE BLAST FURNACE  
BISI 18114 #

ABZALOV, V. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0010, PP 0050-0053  
COMMUNICATION 2.  
INVESTIGATION OF THERMOPHYSICAL PROPERTIES OF  
PELLETS FROM CONCENTRATES OF DIFFERENT ORE  
DEPOSITS  
BISI 18115 #

DENISOV, YU. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0010, PP 0055-0059  
REFINING A METHOD OF DETERMINING THE TEMPERATURE  
FIELDS INSIDE ROLLING MILLS  
BISI 18259 #

MANGASAROV, B. N.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0010, PP 0063-0066  
DEVELOPING A METHOD FOR OBTAINING INOCULANTS FOR  
IMPROVING INGOT QUALITY  
BISI 18116 #

BELOV, I. V.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0010, PP 0067-0069  
MODELLING MASS EXCHANGE PROCESSES IN A BOTTOM  
BLOWN OXYGEN CONVERTER  
BISI 18117 #

TITOV, A. K.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0010, PP 0084-0087  
OBTAINING CONDITIONED LOW SILICON FERROSILICON  
FROM A FERROALLOY OF ELECTROCORUNDUM PRODUCTION  
BISI 18119 #

L'VOVSKIY, V. M.  
//IZVESTIYA VUZ CHERNAYA METALLURGIYA//  
00/00/1978,V----,N0010, PP 0088-0091  
ELASTIC PLASTIC DEFORMATION AND STRESSES IN EMTAL  
MOULDS  
BISI 18120 #

000000277171

000000178615

000000178612

000000179528

000000178605

000000178618

000000178616

000000225783

VYDRIN, V. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0092-0094 BEHAVIOR OF STRIP ENDS WITH ASYMMETRY OF THE PROCESS OF ROLLING IN A HORIZONTAL PLANE COMMUNICAITON 2 BISI 18121	000000225791
INATOVICH, YU. V. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0098-0103 DETERMINATION OF FORMING WHEN ROLLING IN THE PASS SYSTEM OVAL-EDGING OVAL BISI 18122	000000225790
PISARENKO, F. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0104-0106 NEW METHOD OF DETERMINING THE DISPLACEMENT RATE COMPONENT WHEN ROLLING COMPLEX SHAPED SECTIONS COMMUNICATION 1 BISI 18123	000000225789
SOKOLOVSKIY, V. I. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0107-0110 DETERMINATION OF THE LENGTH OF THE GRIPS OF A CONTINUOUS DRAWBENCH BISI 18124	000000225799
RAYMBEKOV, A. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0115-0118 OPTIMIZATION OF REDUCTION SCHEDULES ON A SEMI- CONTINUOUS SECTION MILL BISI 18125	000000225792
BOGACHEV, I. N. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0119-0123 PROPERTIES OF CAST CAVITATION-RESISTANT STEELS BASED ON MANGANESE ALLOYED 20KH14N3 BISI 18126	000000179342
POMEL'NIKOVA, S. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0129-0131 PROPERTIES OF LIQUIDS USED FOR HEAT TREATMENT AND THERMAL PICKLING OF OXIDE COATED METALS BISI 18127	000000277187
BUGAEV, YA. M. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0133-0135 INFLUENCE OF CERIUM ON STRUCTURE FORMATION IN 15KH3M1FL STEEL BISI 18128	000000179337
SIDORENKO, R. A. //IZVESTIYA VUZ CHERNAYA METALLURGIYA// 00/00/1978, V----, N0010, PP 0144-0147 STUDY OF THE SPECIAL FEATURES OF 32NKD-ALLOY SOLIDIFICATION BISI 18129	000000178588